ARY SL_{i+3} PIX PIX ΡX SLi+2 Σ PX PIX SD2 SD1 PIX PIX ΡX SL;+1 Ϋ́ PIX PX SL | GL_{j+2} G. ± Ġ. g SST2 SCK2 GCK GST GST DAT1 DAT2 SST1 SCK1 CTL Ω I NIO N

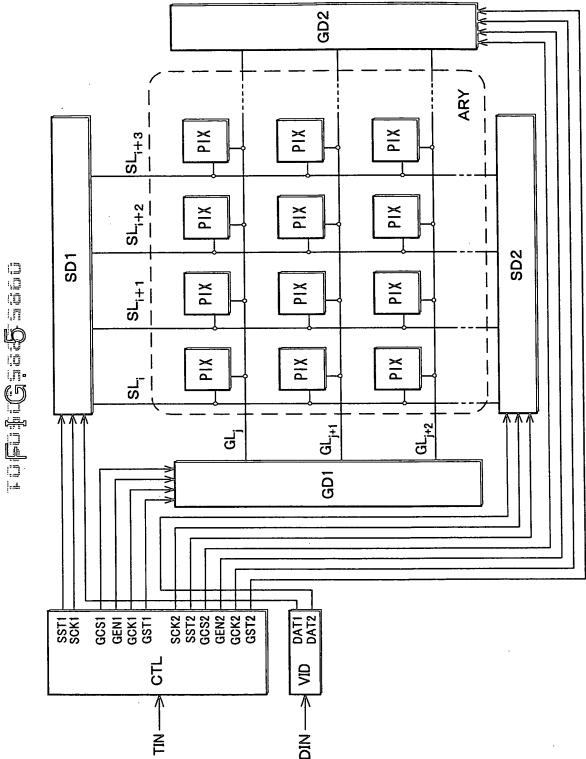
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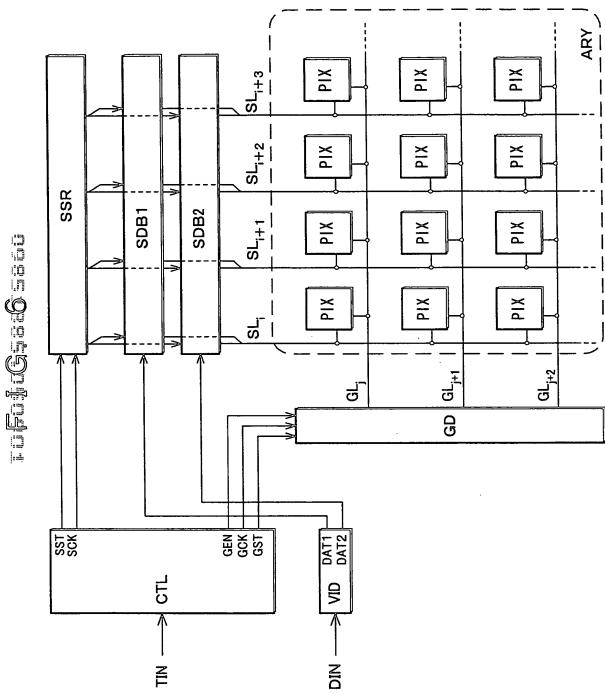
ARY |SL_{i+3} PIX ΡΙΧ PIX SL_{i+2} PIX PIX PIX SD | SL_{i+1} PIX PIX PIX PIX PIX ΡΙΧ SĽ a Į GL_{j+2} <u>G</u> GD2 GD1 GCS2 GEN2 GCK2 GST2 GCS1 GEN1 GCK1 SST DAT CTL QIV ▲ NI

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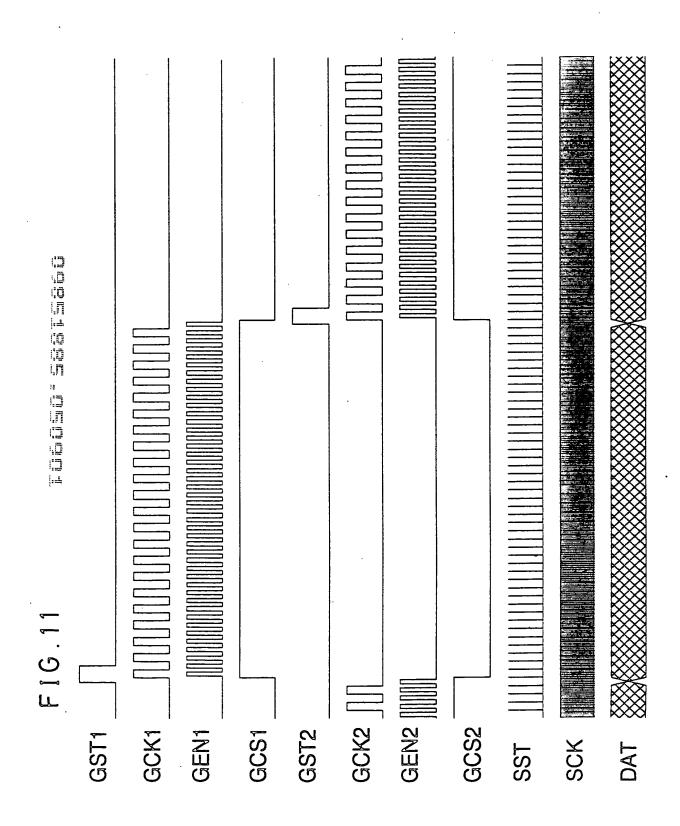
rofiges/sec

GST		
GCK		
GEN		
SST1		
SCK1		
DAT1		
SST2		
SCK2	7	
DAT2	7	

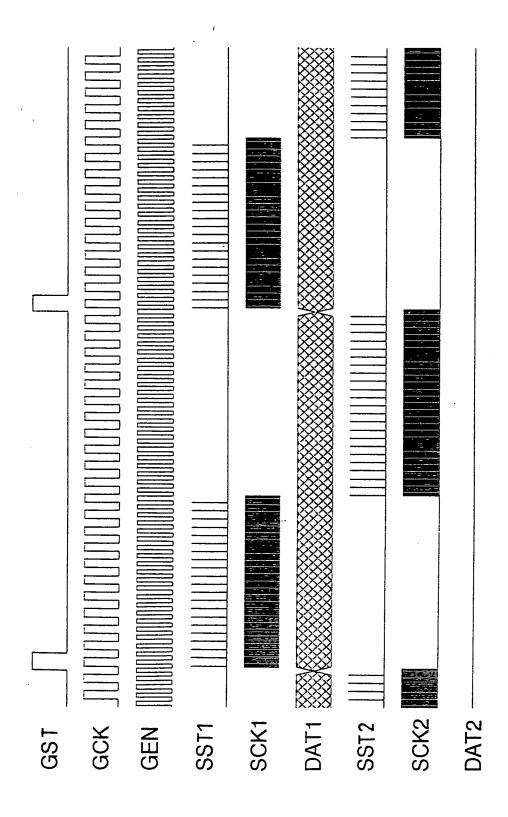
SCK DAT
AT SAME AND

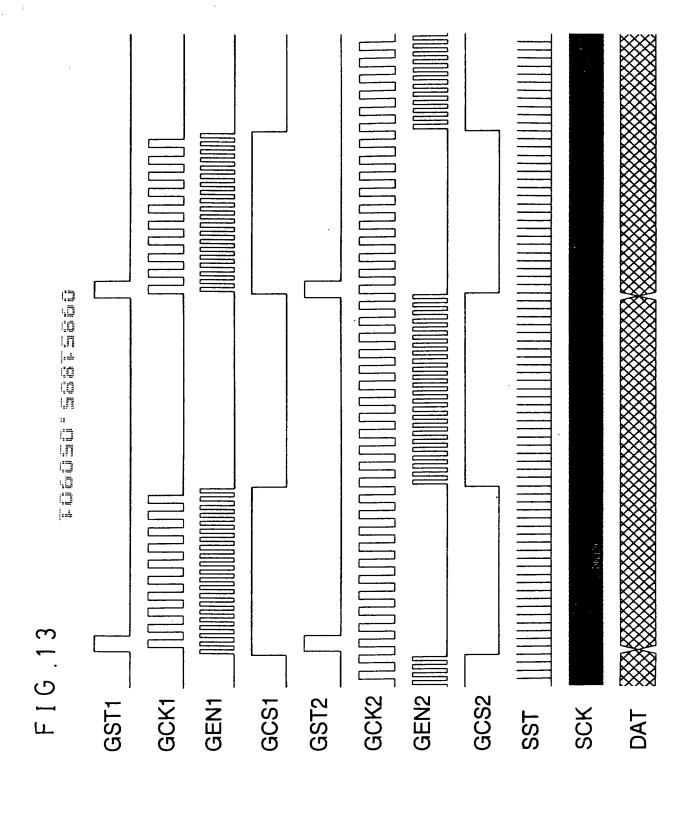
•

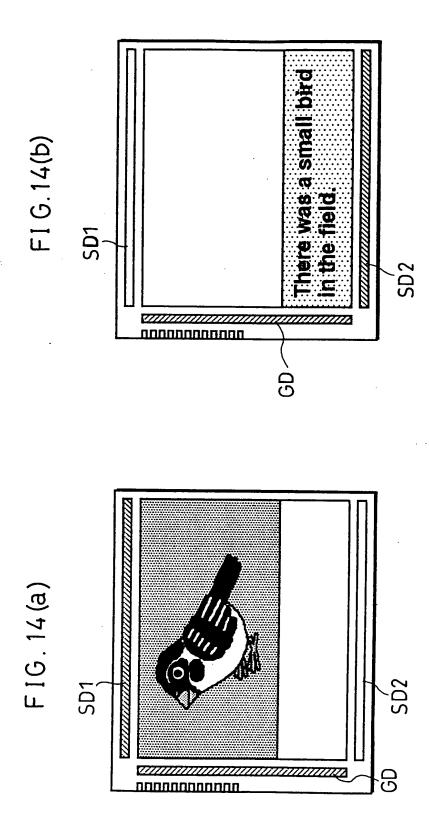
F1G.10

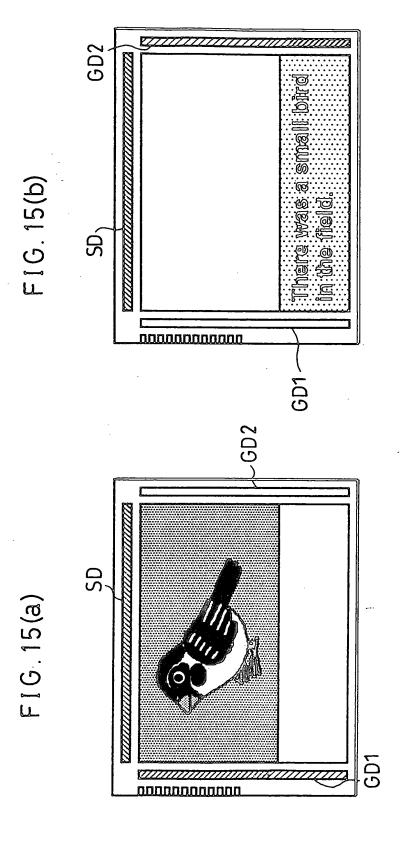


F16.12





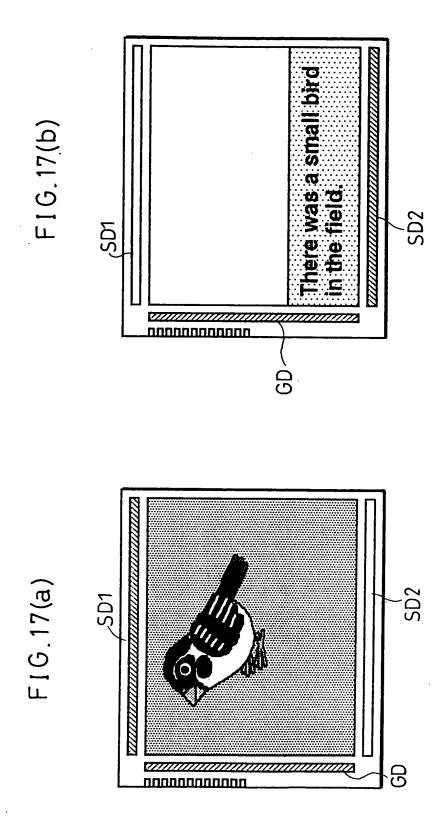




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F16.16

SCK1 SCK2 DAT2 DAT1 SST1 **SST2** GCK GEN GST



NA A ᄔ renie, so osci N3 Ή N N Ή Z FF SST -DAT -SCK -ΙΜΡ

N4 Ή ᆸ DA R_N rfold, sib grad 出 占 \Box AS DA N2 H. \Box ᆸ AS SL2 DA Z FF AS K L DA SCK /SCK IMP TFG DIG SST

FIG. 20

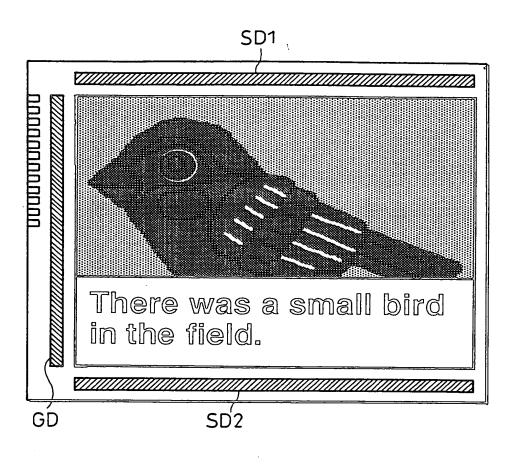
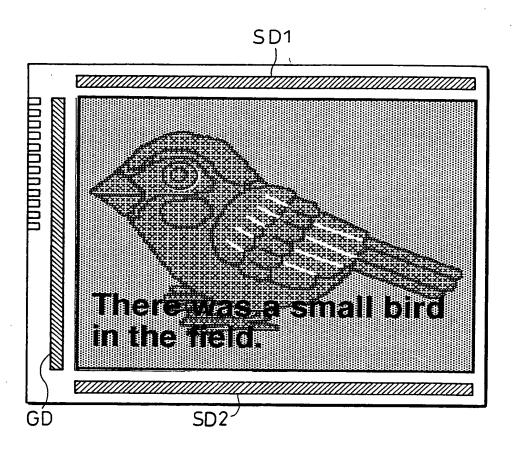
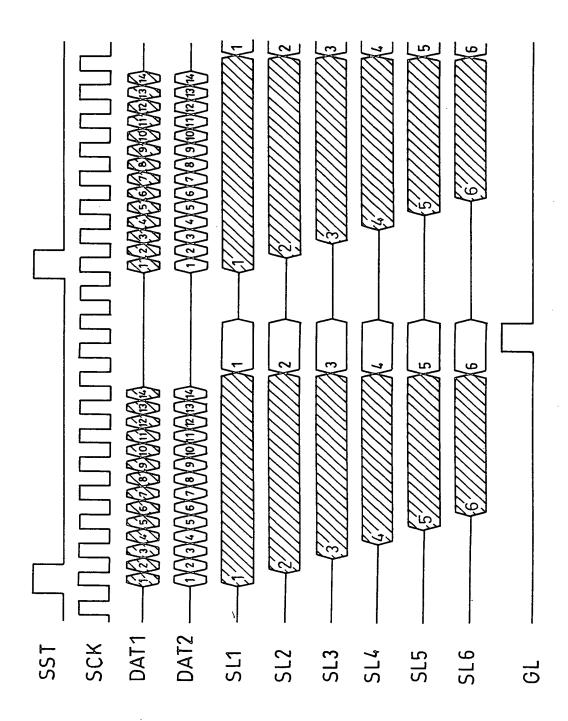
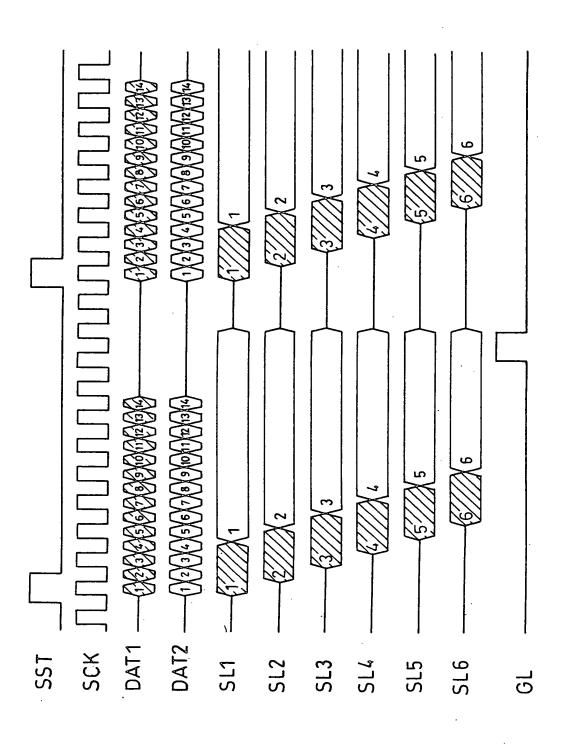


FIG. 21







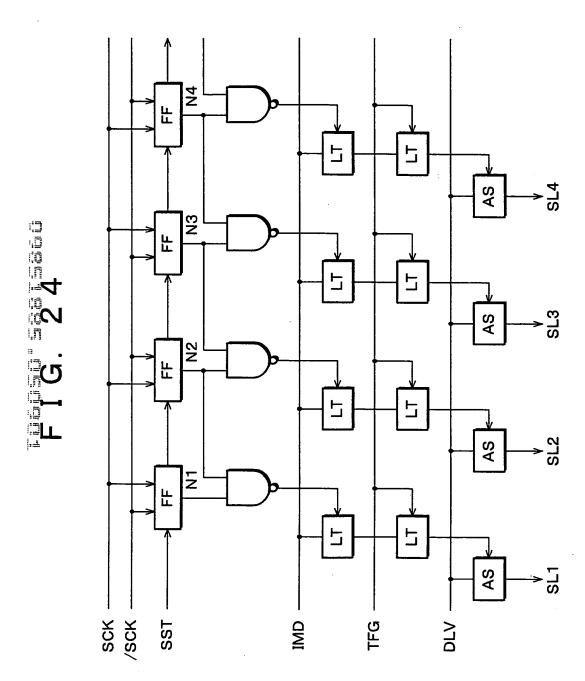
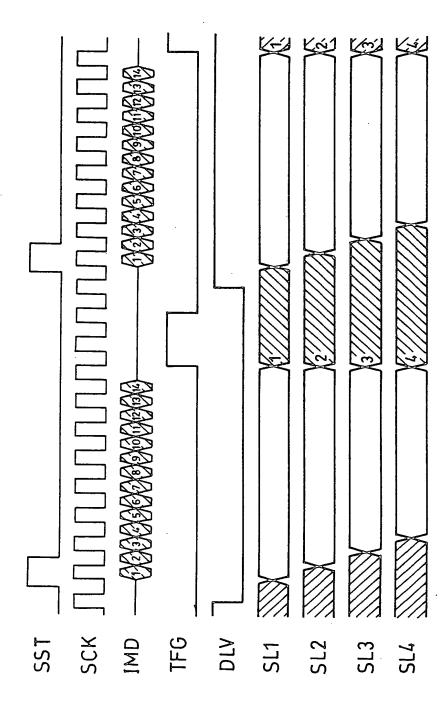


FIG. 25



Fift S. To Side

GD2 ARY |SL_{i+3} PIX PIX ΜX | SL;+2 ΡX ΡΙΧ Χď SD ΡΙΧ PIX ΡX ΡΙΧ ΡX PIX SL GL_{j+2} GD1 GLj+1 ٦ GCK1 GST1 GCS1 GCS2 SST DAT CTL N N D N SEL

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FIG. 28 (a)

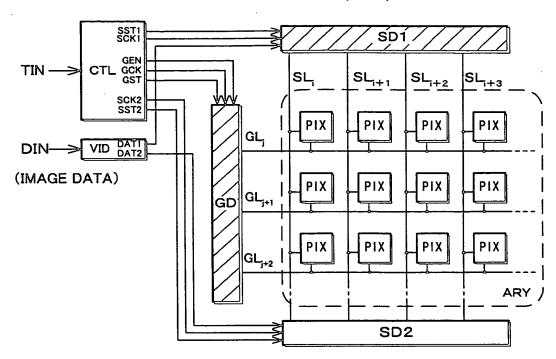


FIG. 28 (b)

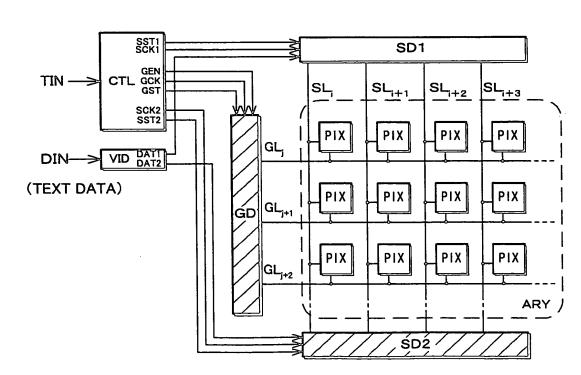


FIG. 29 (a)

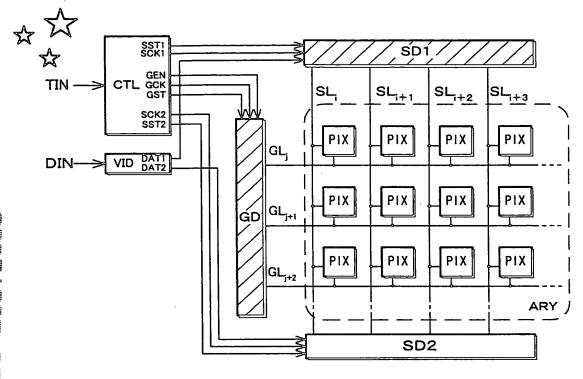


FIG. 29 (b)

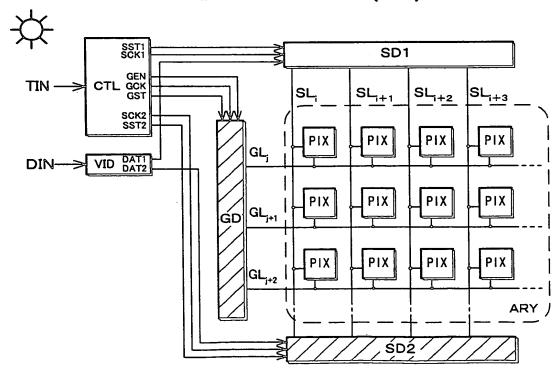


FIG. 30 (a)

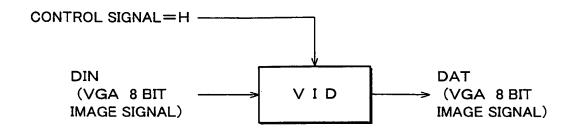


FIG. 30 (b)

|.4 |16 |10 |.11

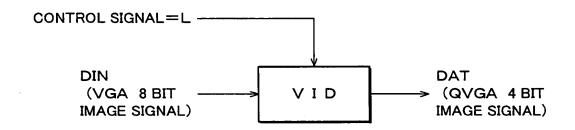


FIG. 31 (a)

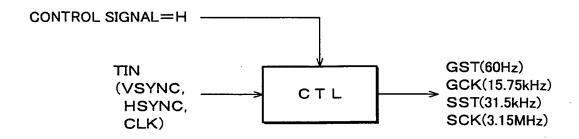
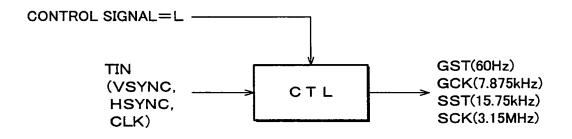


FIG. 31 (b)

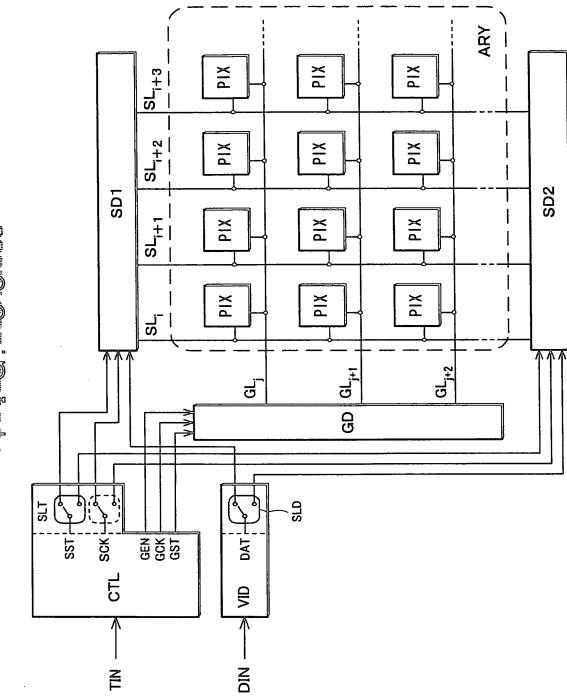
|-± |:0

(1) I,M

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ARY SL_{i+3} ΡIX PIX ΡX SL_{i+2} PIX ΡX PIX SD2 SD1 SLi+1 ΡIX ΡX PIX PIX PIX ∑ ĭ SL | GL_{j+1} GL_{j+2} ਹੁੰ G SLT SCK DAT1 DAT2 SST GEN GCK GST CTL ΔĬ NIO NI L



inds Signature in the second of the second o

ARY SL;+3 PIX PIX FX SL;+2 PΙΧ P.X ₽ X SD2 SD1 | SL_{i+1} PIX PIX PIX PIX <u>K</u> PIX S GL_{j+2} GL_{j+1} ؾ G SCK2 SST2 GCK GST DAT1 DAT2 SST1 SCK1 CTL ΔĬ SEN N N D

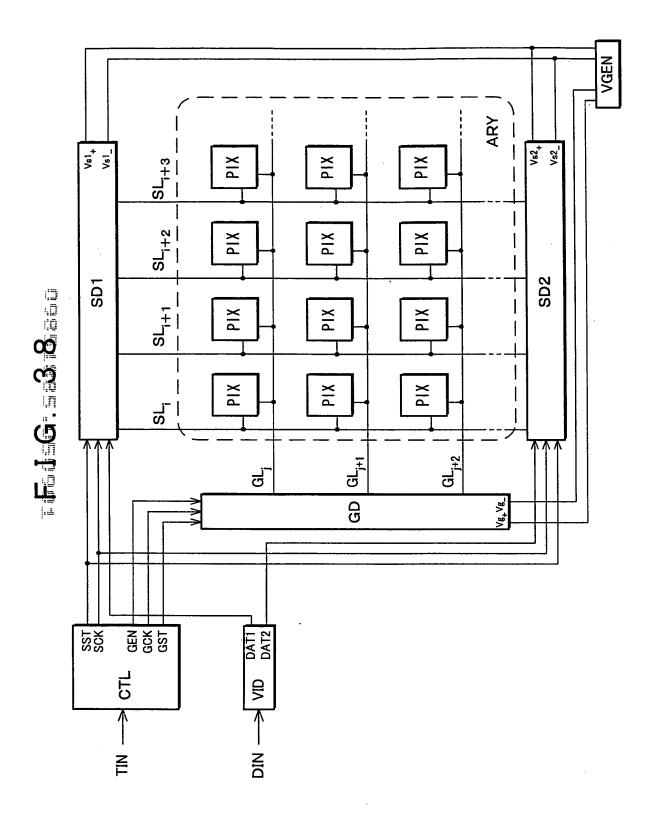
r for the second second

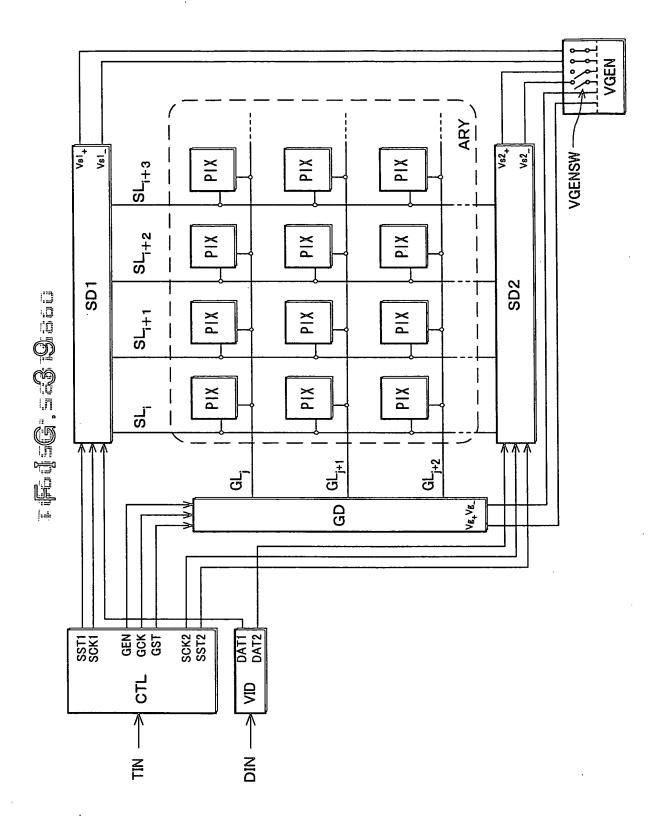
ARY SL;+3 PIX PX PX SL_{i+2} <u>⊼</u> PIX PIX SD2 SD1 SL;+1 PX PIX PIX ЫX PIX ЫX SL GL_{j+2} යි. I ਜ਼ g SCK2 SST2 GEN GCK GST DAT1 DAT2 SST1 SCK1 CTL IN → JDG NI L NO

Fold. 335500

VGEN ARY Vs2₊ Vs.1 Vs2_ |SL_{i+3} PIX PIX PIX SL;+2 ΡΙΧ ۲ PIX SD2 SD1 SL:+1 PIX PIX ΡX <u>⊼</u> PIX Σ S. GL_{j+2} GL_{j+1} ٦ G V8+VB_ DAT1 DAT2 GCK GST SCK2 SST2 SST1 SCK1 CTL ΩM N |-

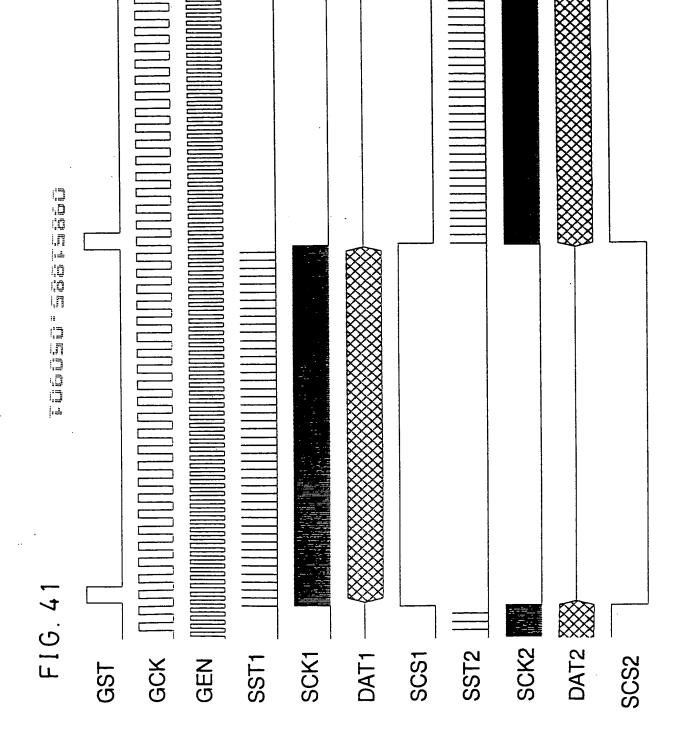
ranka: 13 Apot



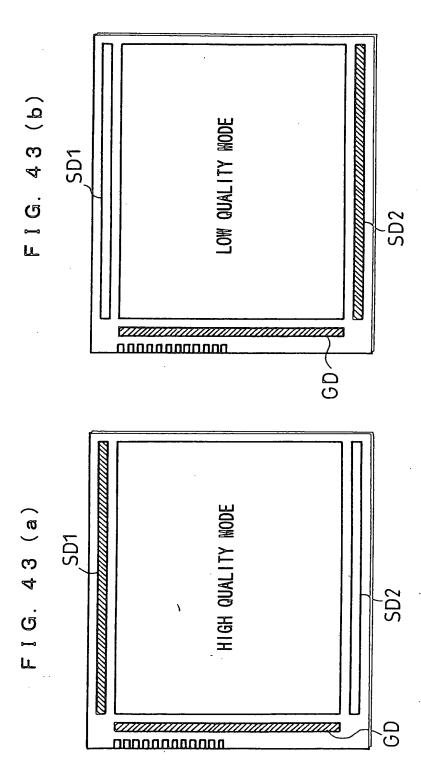


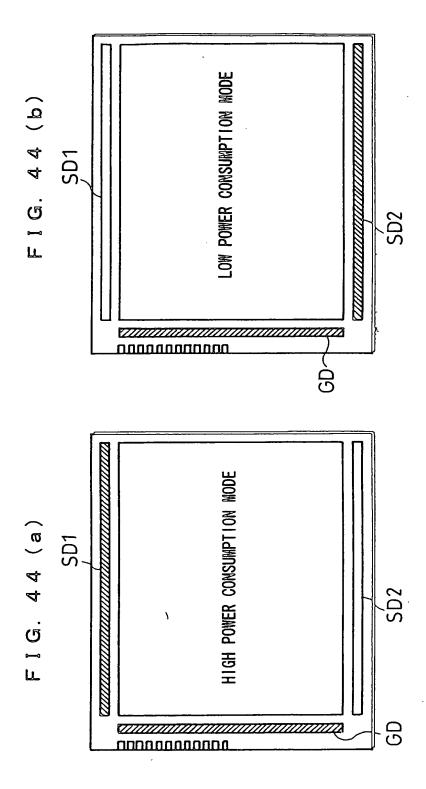
-SDSW SDSW ARY SL₁₊₃ PIX PIX ΡX SL_{i+2} PIX Ρ× PX SD2 SD1 SL₁₊₁ PX PIX <u>۲</u> PIX PIX PIX SL. GL_{j+2} بج G GCK DAT1 SCK2 SST2 SST1 SCK1 CTL ΛID NIO Z

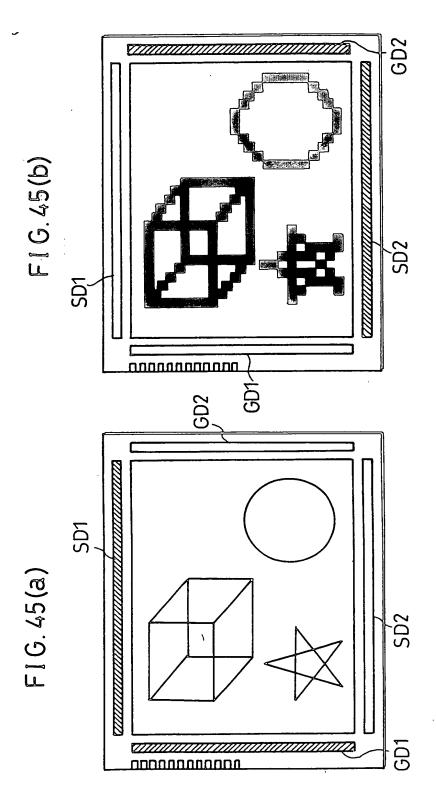
rfolg; 54 Osco

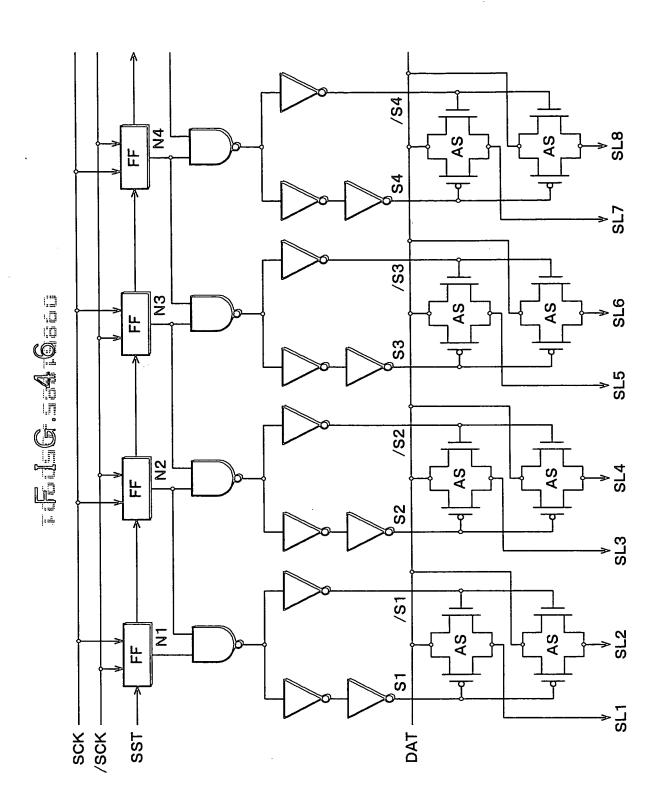


Ή Fob G. = 462560 GL3 뵤 GL2 ᄔ GL Ή GCK GCK GST GEN GCS /ecs









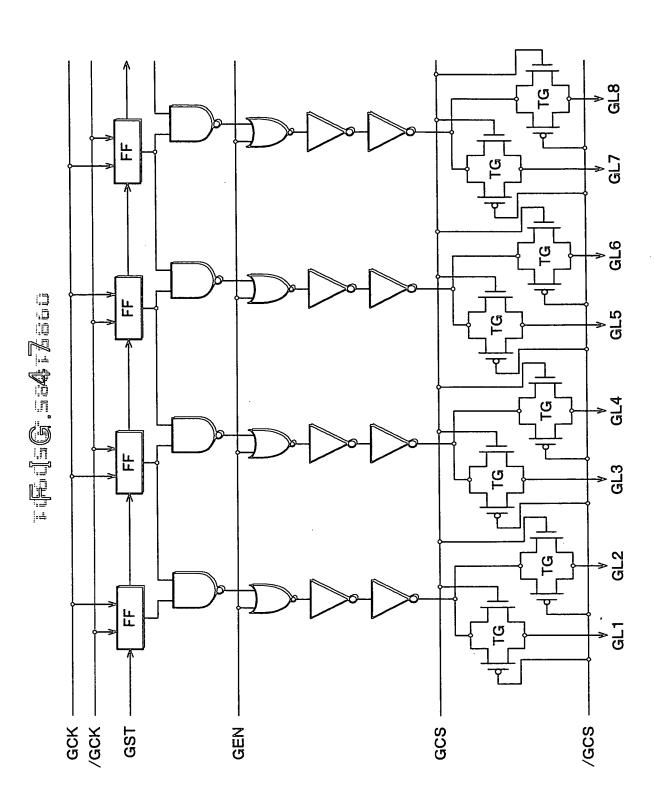
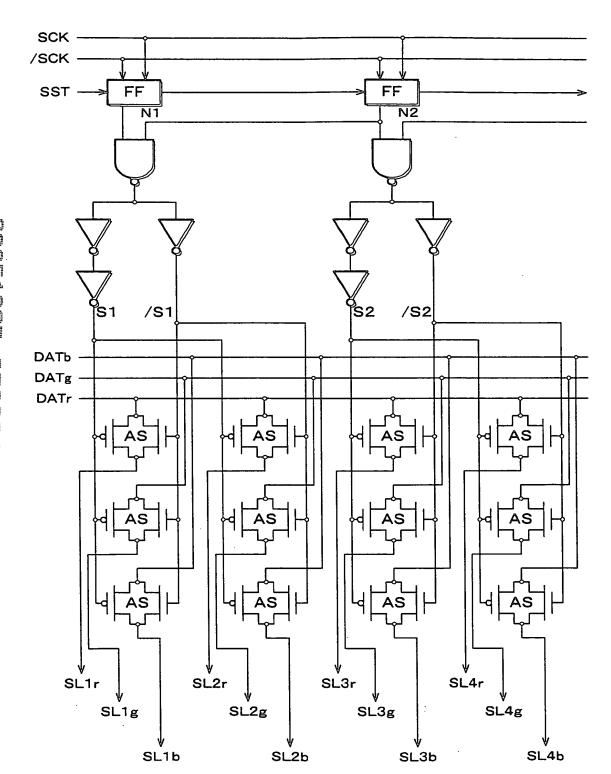
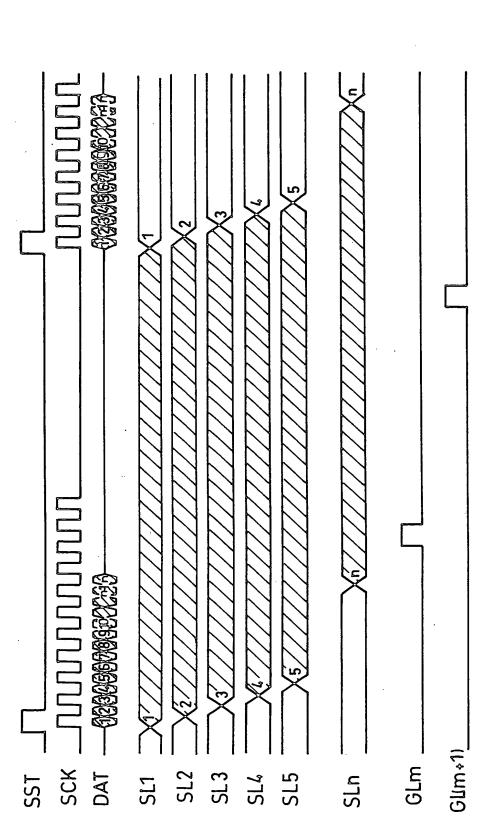


FIG. 48



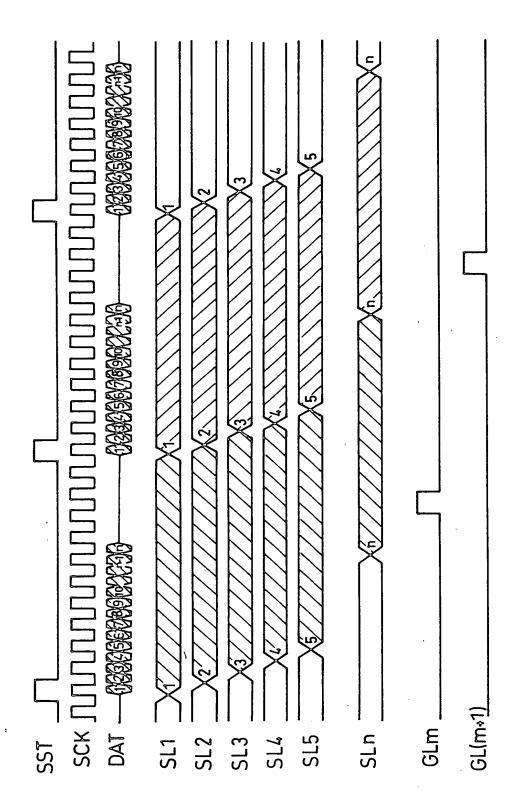
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F I G. 50

GST	
GCK	
GEN	
SST	
SCK	
DAT	

FIG. 51



F1G. 52

GST	GCK	GEN	SST	SCK	DAT
ST			ST	CX	3 THE REPORT
					A THE BURNESS OF THE PROPERTY

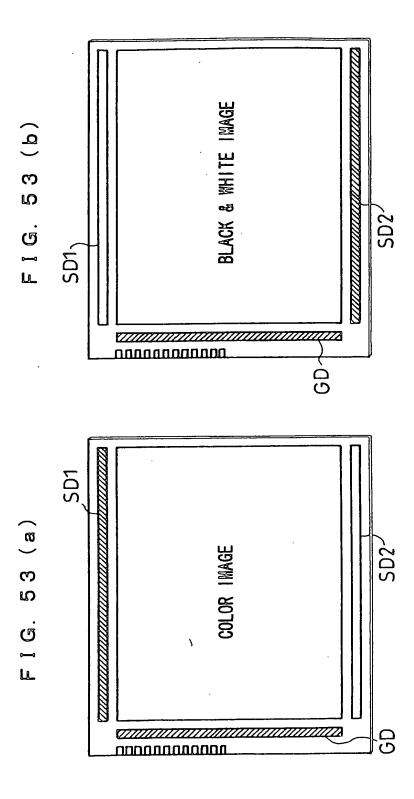
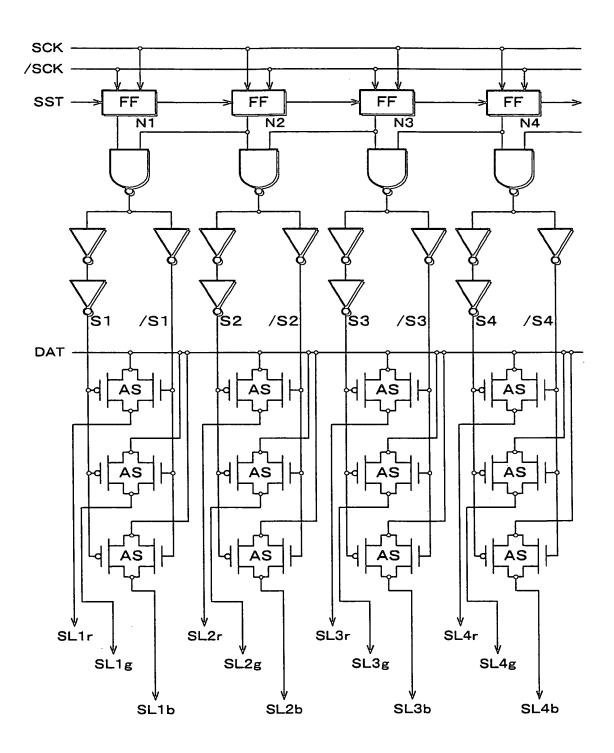
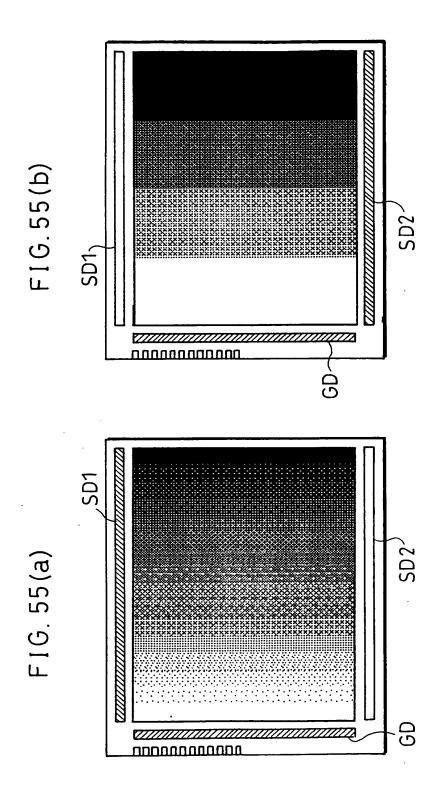
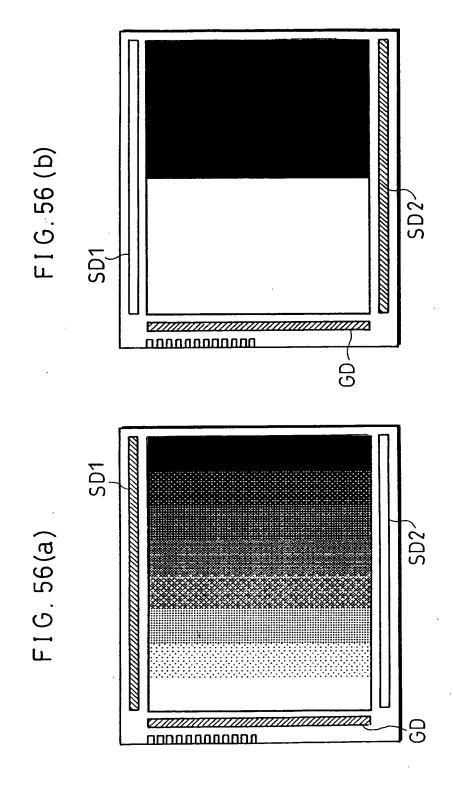
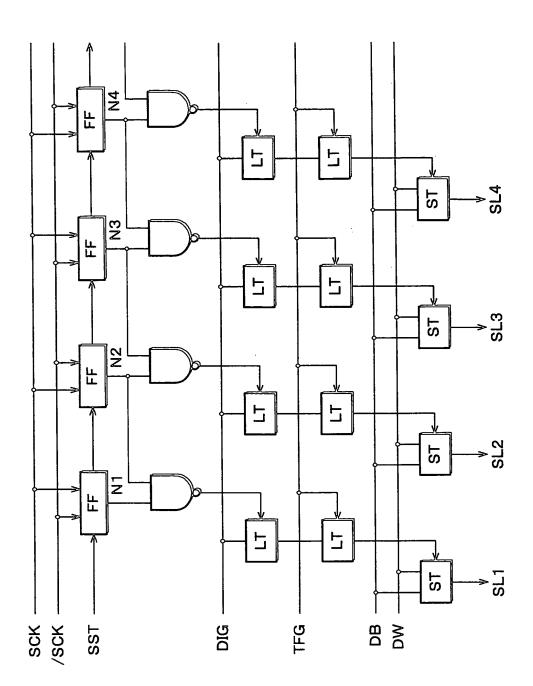


FIG. 54











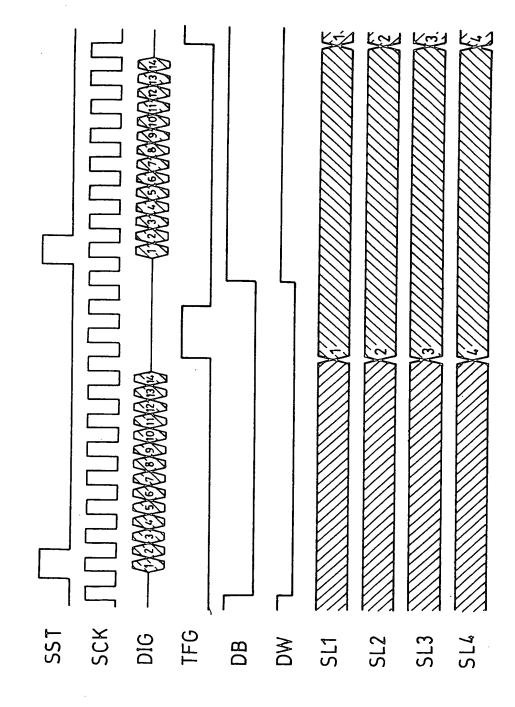


FIG. 59

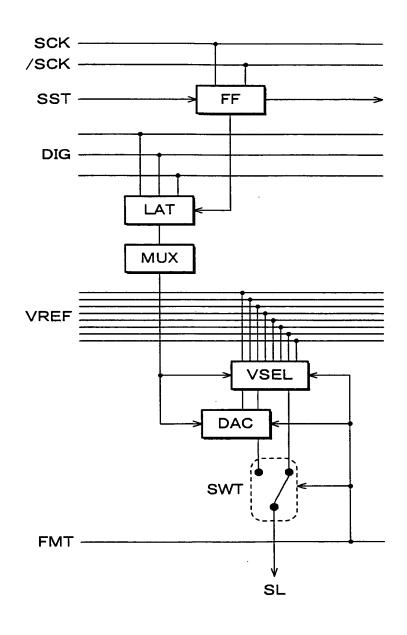
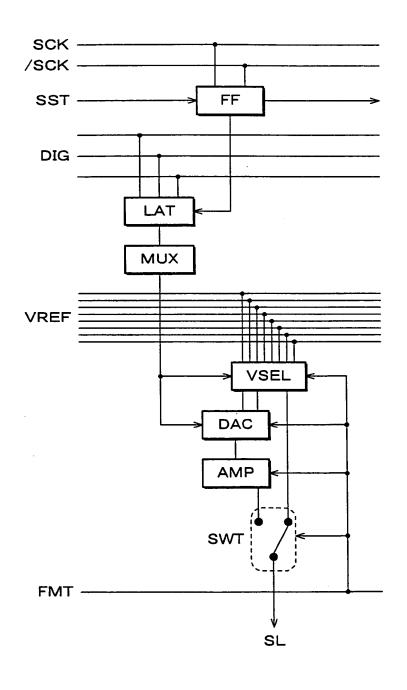
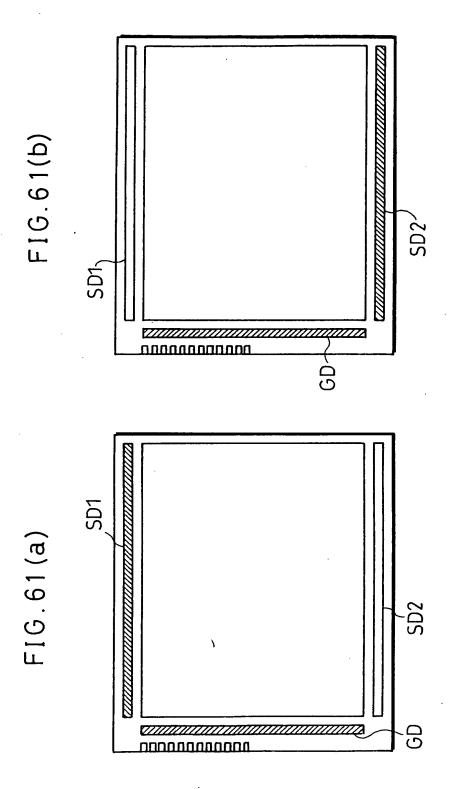
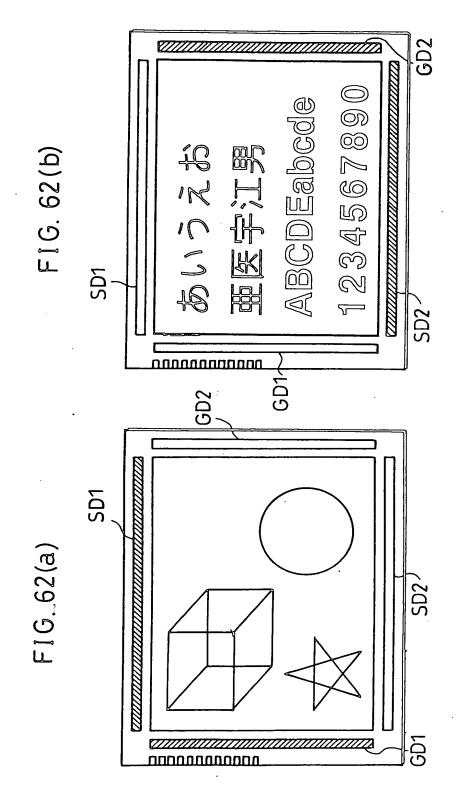
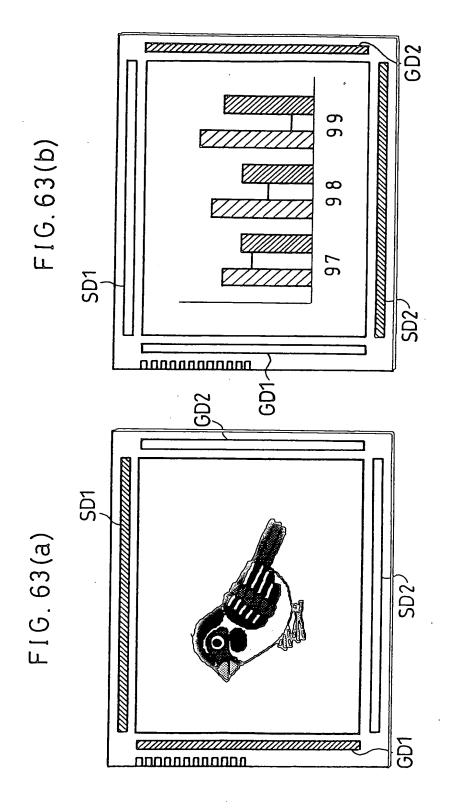


FIG. 60









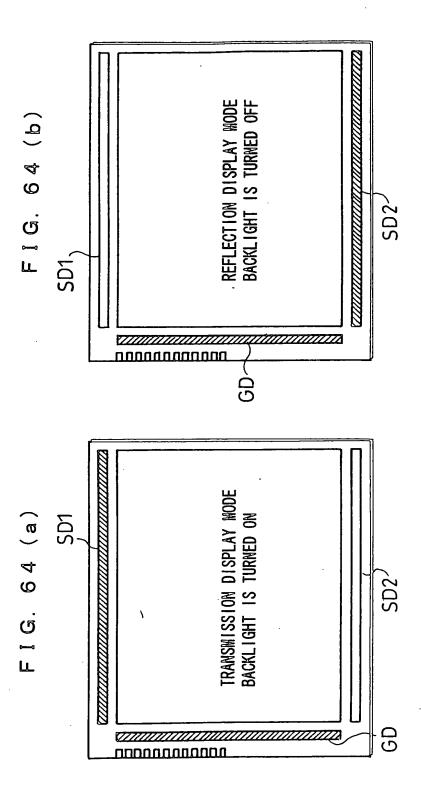
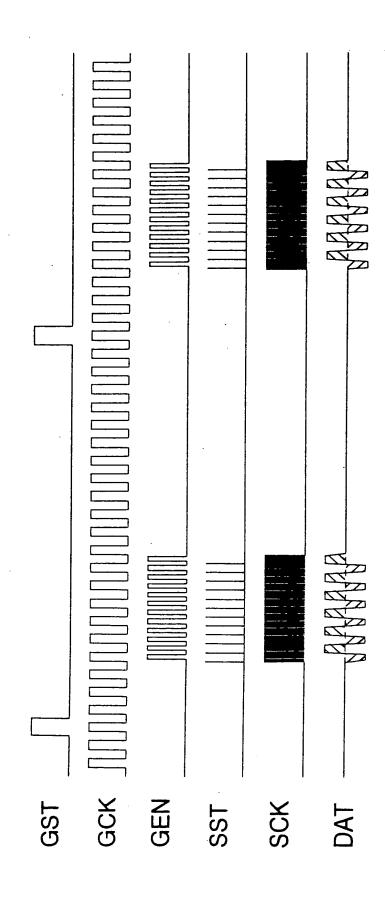
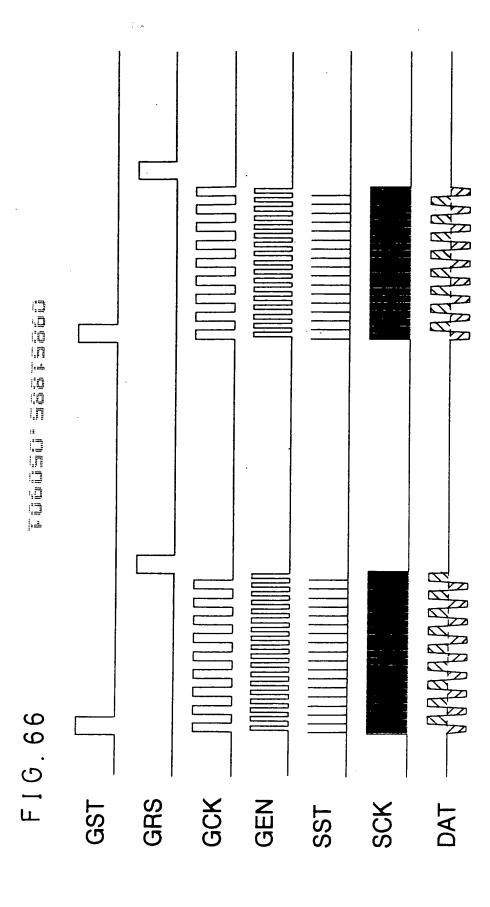


FIG. 65

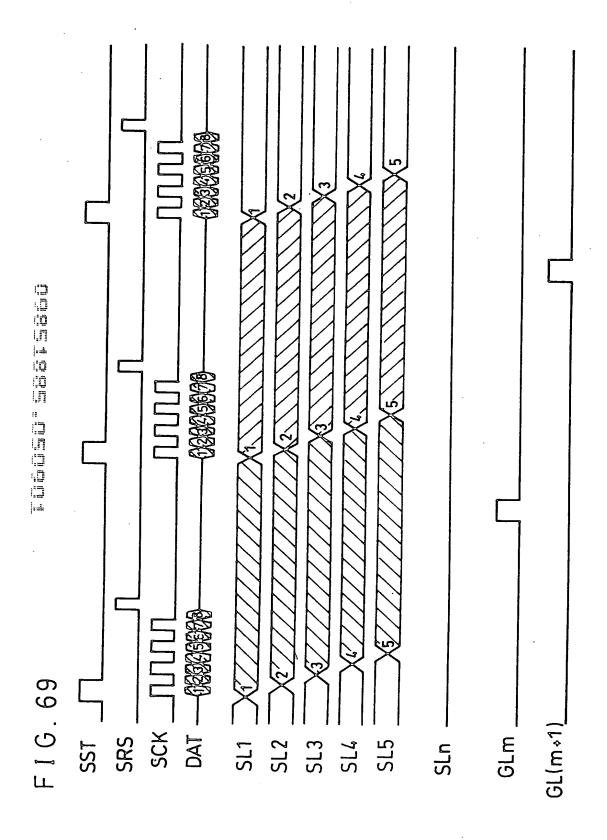




Ħ Feb.C. =6.7550 H 넆 GRS GCK GCK GST GEN

/6CK GCK %-GCK GCK /GCK GCK

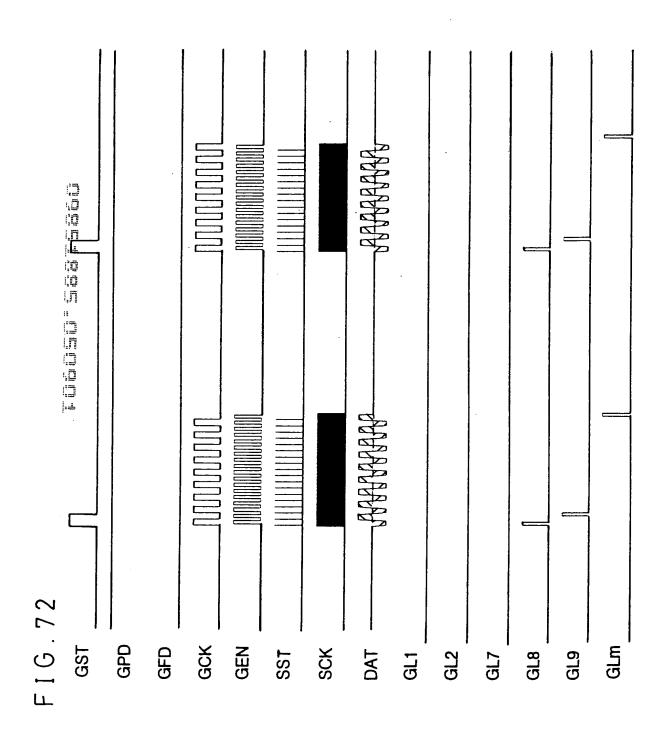
F1G.68

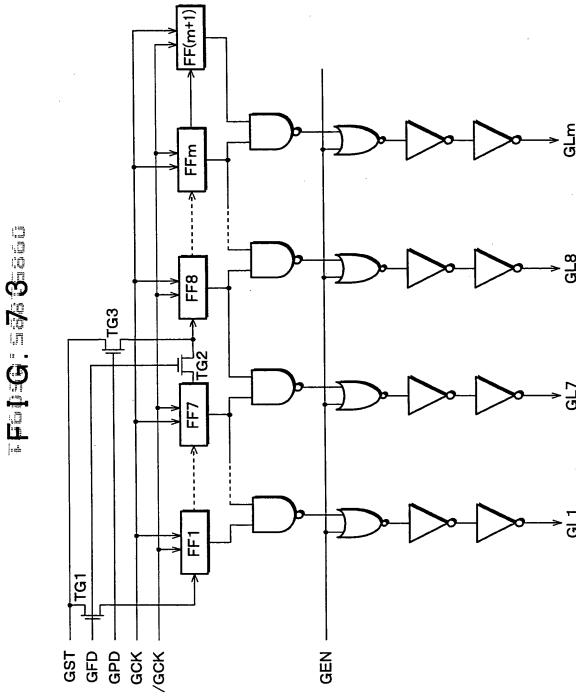


N4 Folia: 52 Gada g 냰 N2 止 **S**2 Z Ħ H S SST -SRS -SCK -DAT

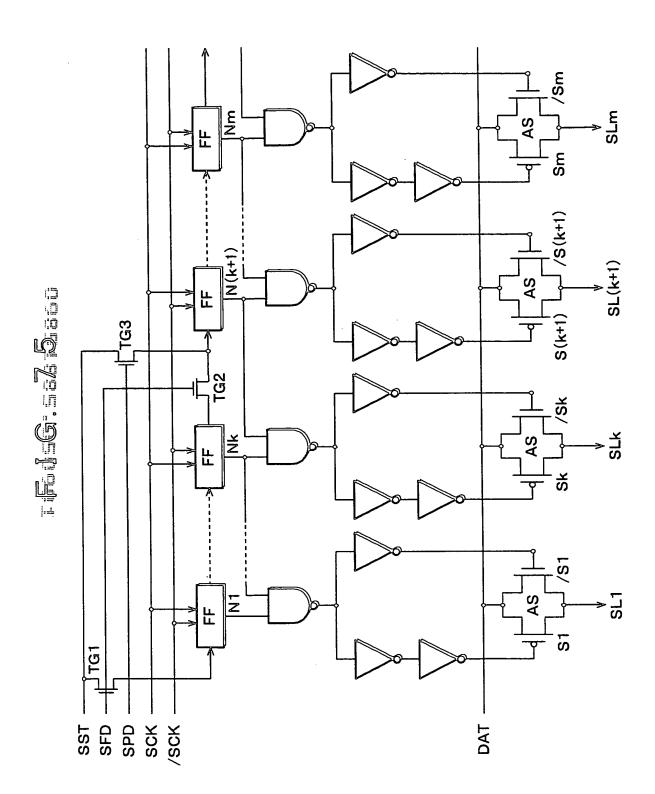
SCK SCK /SCK SCK

FIG. 71





F16.74 GL(m,1) GLm_ SFD SCK DAT SL1 SL2 SL7 SL8 **SL9** SST SLn



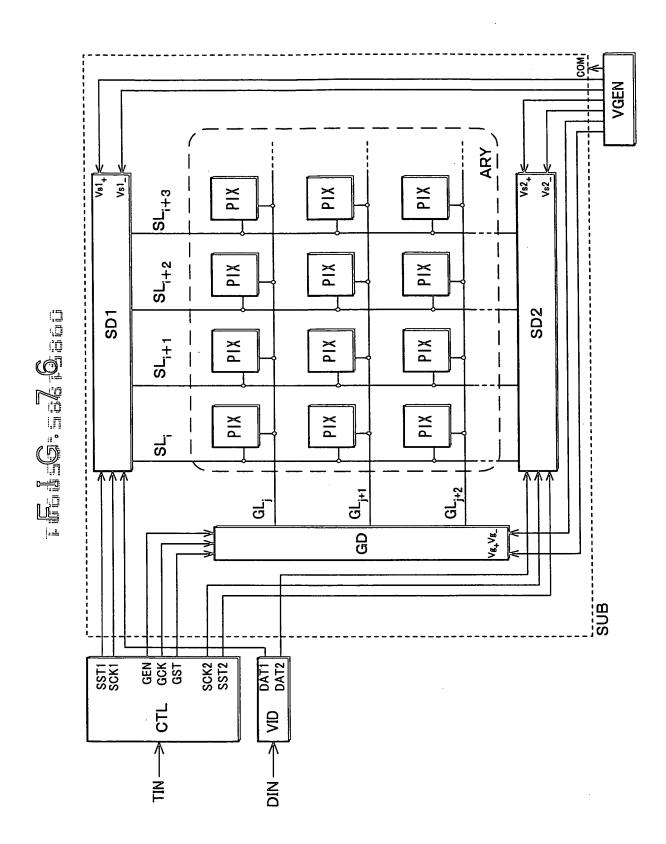
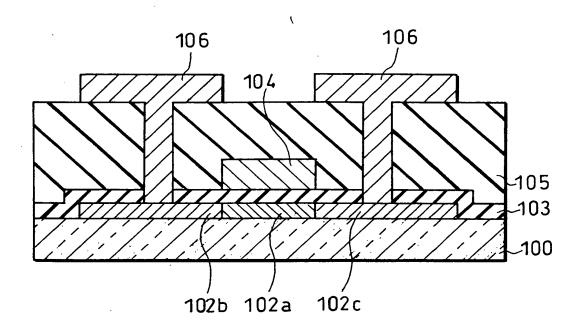


FIG. 77



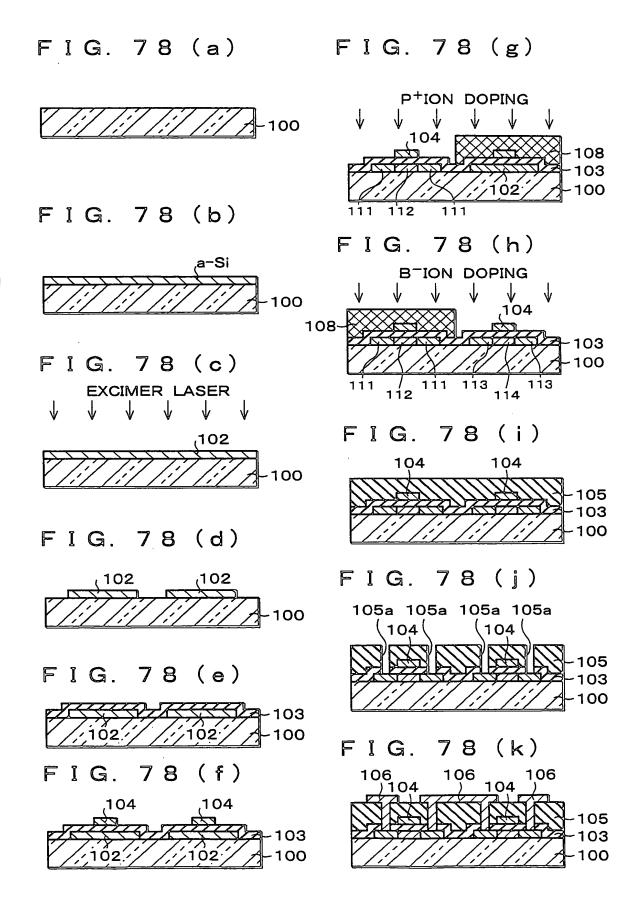
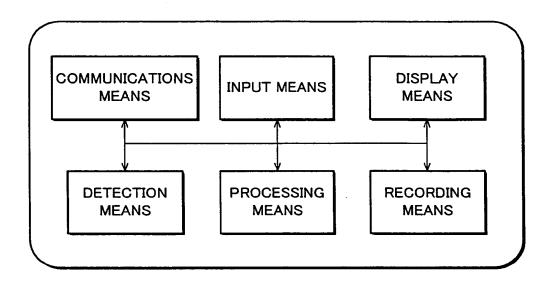
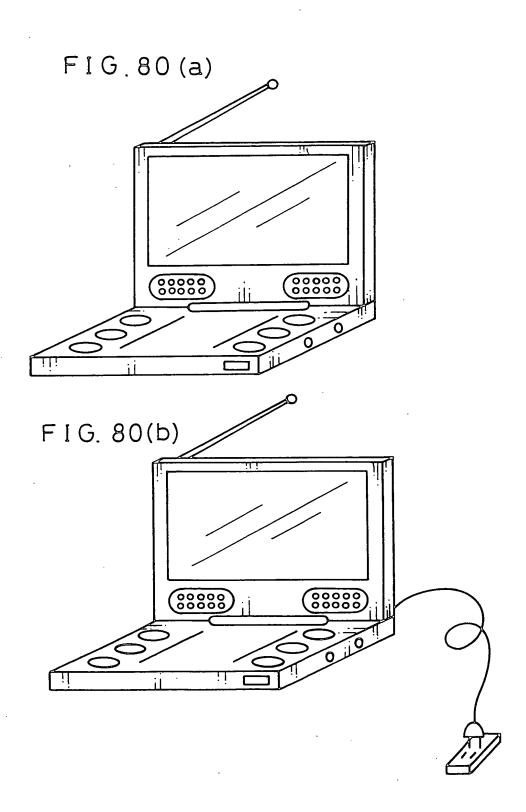
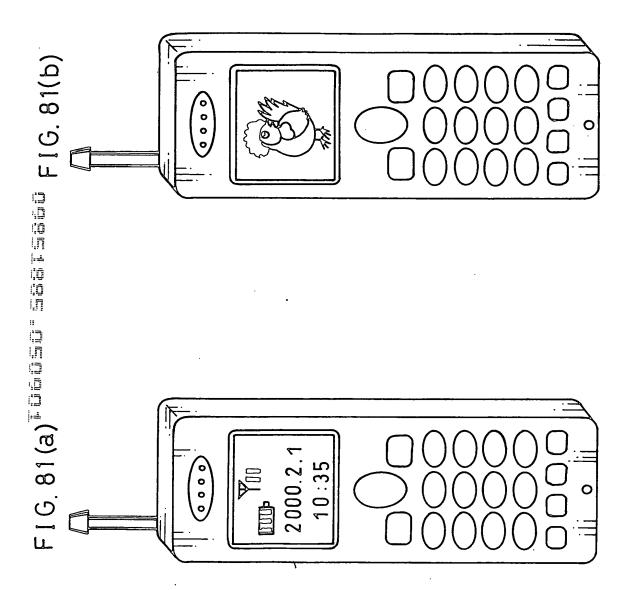


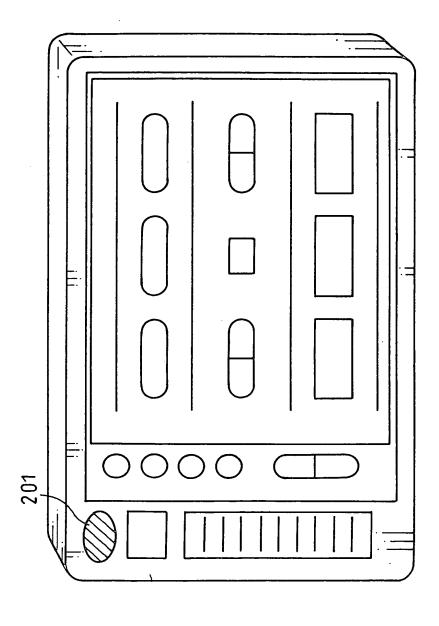
FIG. 79





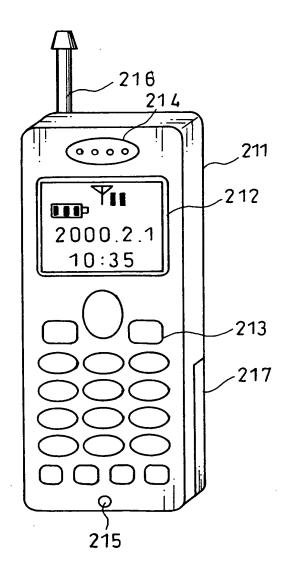


F16.82



F16.83

FIG. 84



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FIG. 85

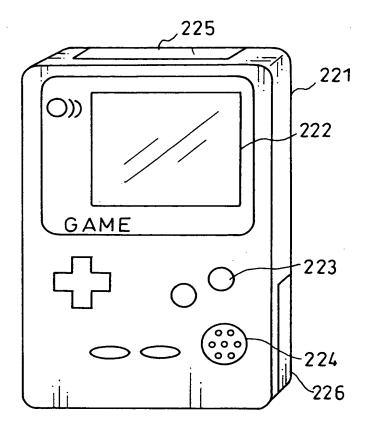


FIG.86(b) .246 241 000 000 242 Ш FIG. 86(a) 236 235 231, 234

FIG. 87

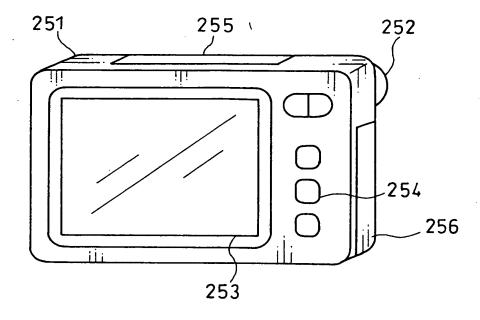


FIG. 88

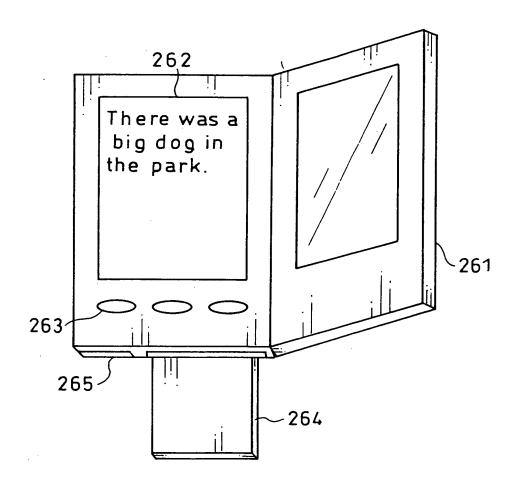


FIG. 89

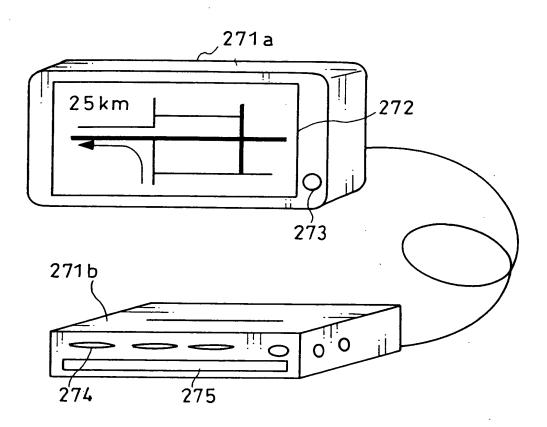


FIG.90

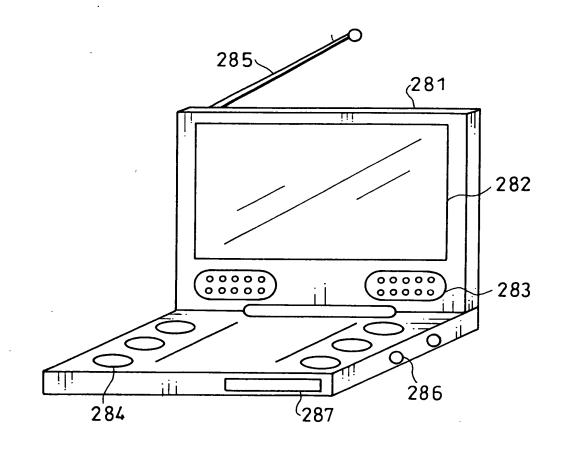


FIG. 91

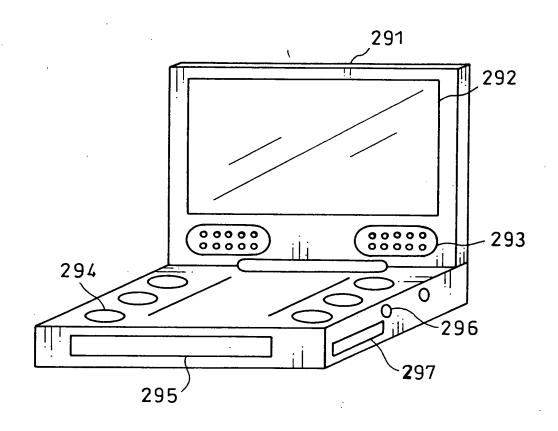
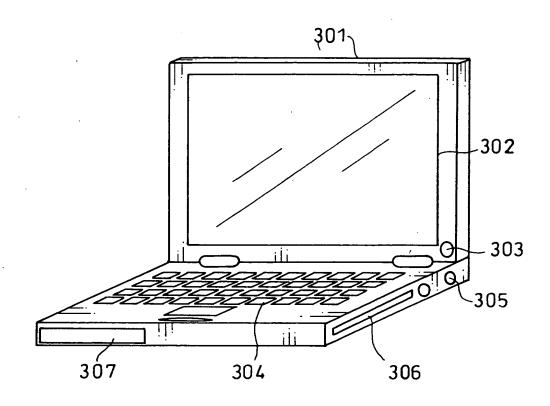
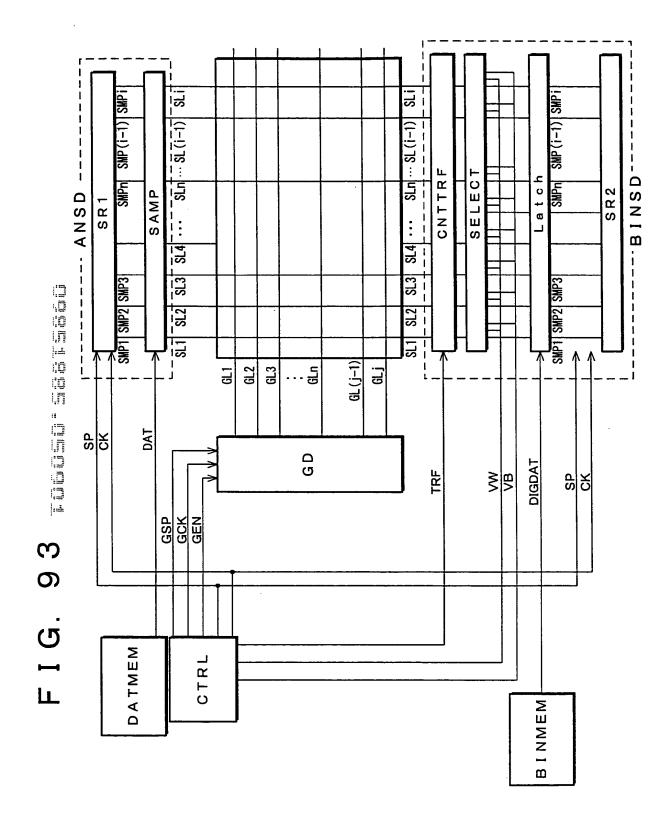


FIG. 92



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TURN-ON POTENTIAL VVV POTENTIALS ARE EQUAL TOOK LOOK TOOK /POTENTIALS ARE EQUAL POTENTIALS ARE EQUAL FIG. 94 SP 쏬 SMP2 SMPn DAT TRF SL2 SLn SMP1 DIGDAT SL1

FIG. 95 FUNDED TOOKS OF THE

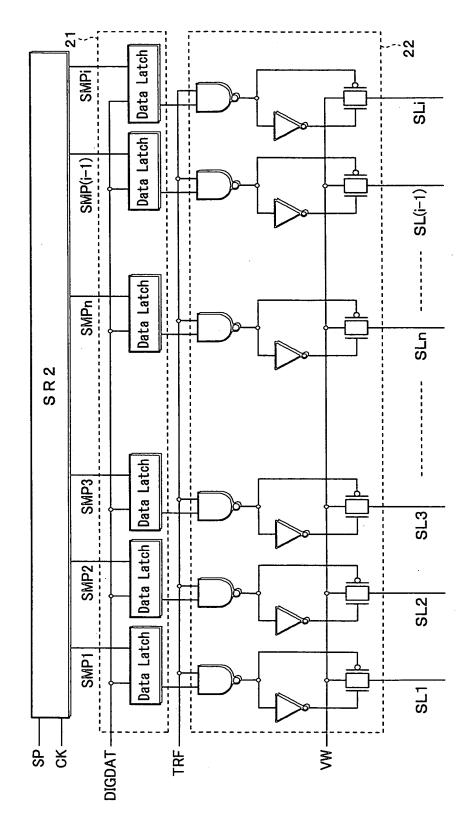
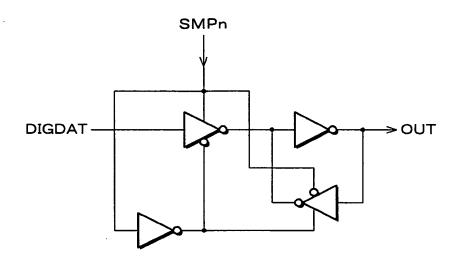


FIG. 96



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(n)

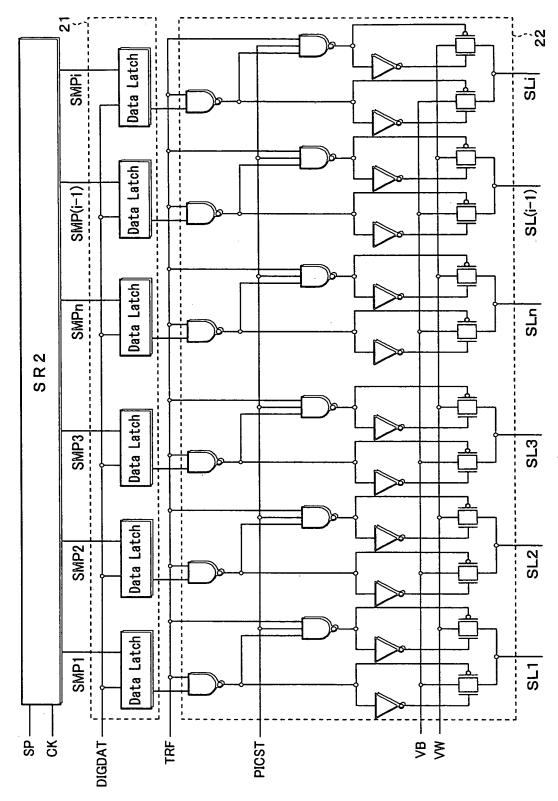
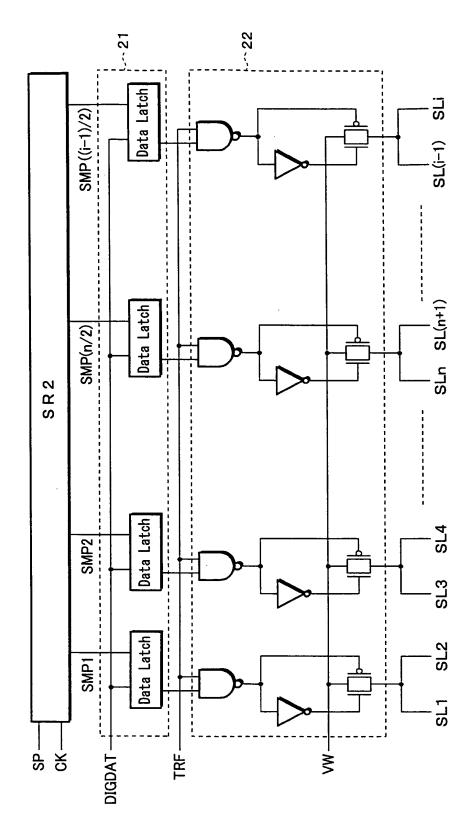


FIG. 98 FUGUENT MONTHOON



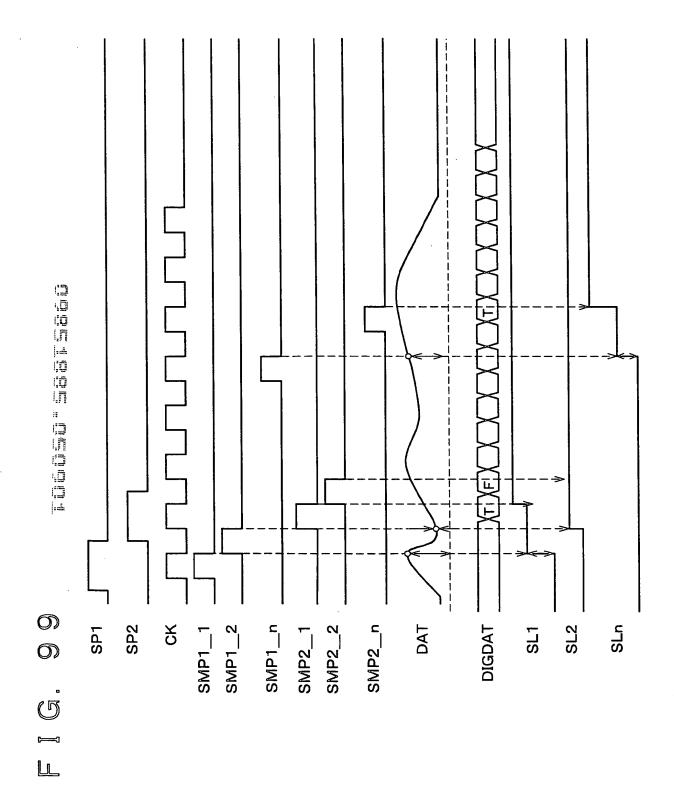


FIG. 100 Fundamental

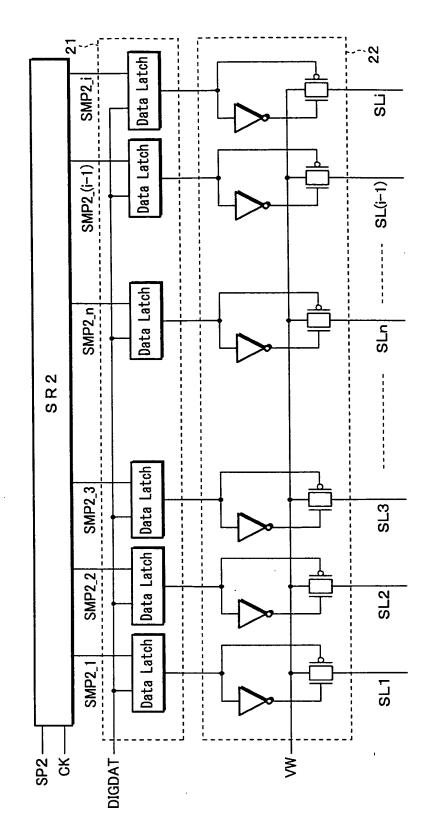
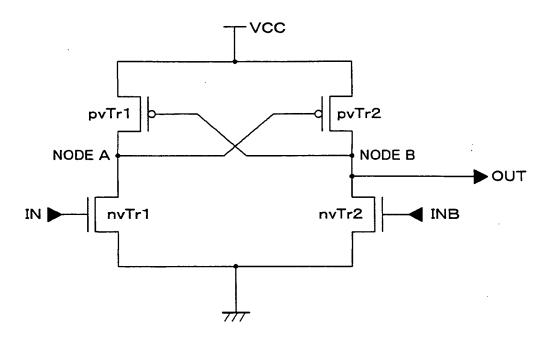
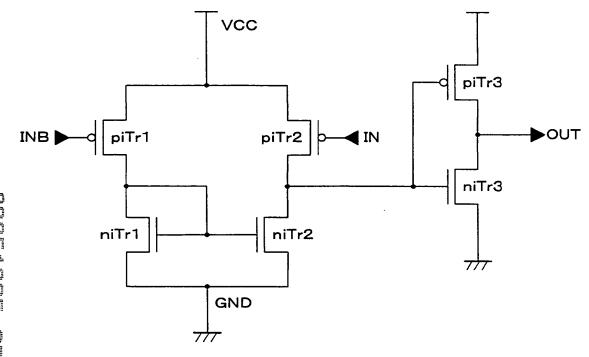


FIG. 101



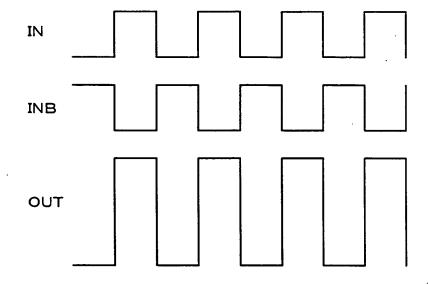
rock occar

FIG. 102



operage omport

FIG. 103



DOOKIOS DECENORS

Y

FIG. 104. Füblissing rectined

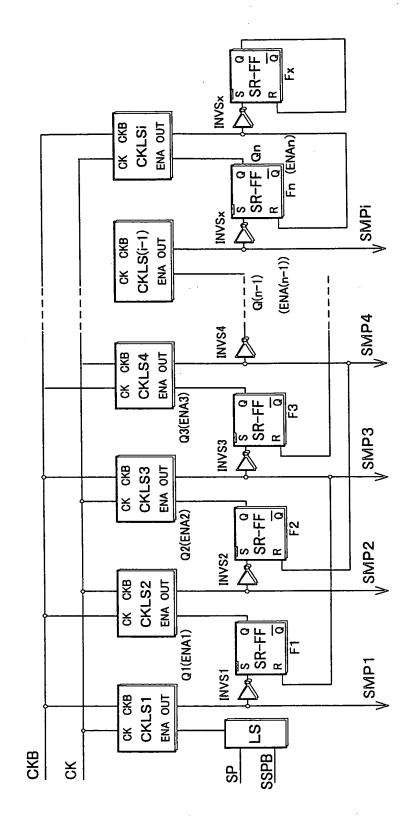


FIG. 105 FORDER SEFECT

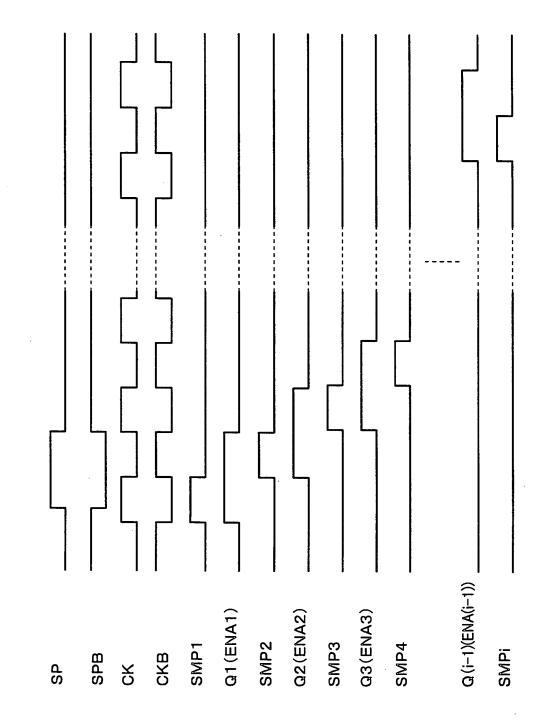
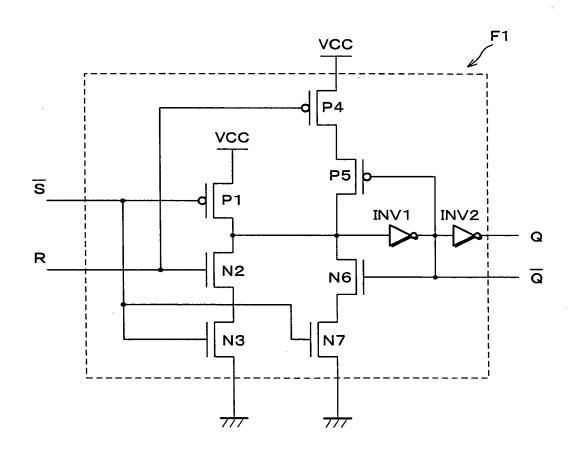


FIG. 106 (a)

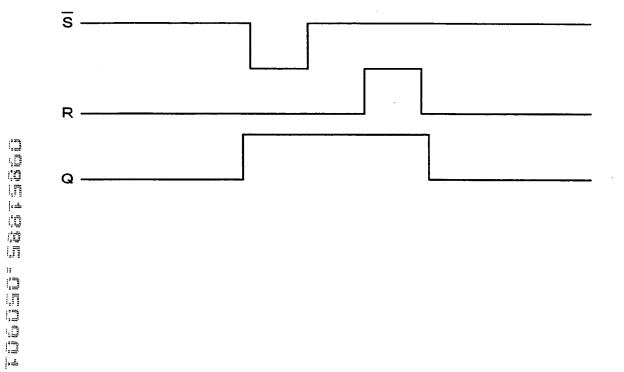


FIG. 106 (b)



rockase sector

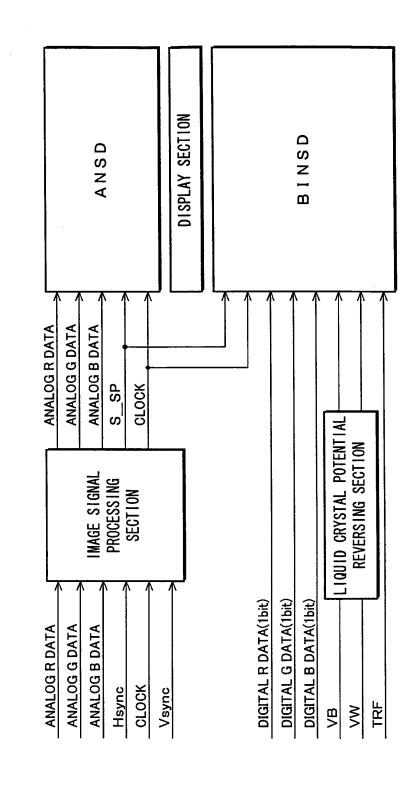
FIG. 107



OUT P15 N16 413e P41 413 413c # FIG. 108 Fübüsüs sest sest 413d P12 N14) | | N21 P11 N 13 413d 413b P32 413c N31 쏫 ENA CKB

P15 N16 413e 413 P41 FIG. 109 Fühlibli betrach 413c # 413d _ vcc P12 N 14 N21 <u>P1</u> N13 413d 413b P32 DIGDATB-DIGDAT -ENA

FIG. 110 Fundant mediano



PIXEL PIXEL PIXEL SLi SHIFT REGISTER, DATA HOLDING CIRCUIT, NAND ---- ANSD ----DISPLAY SECTION SAMPLING SECTION SAMPLING SECTION SHIFT REGISTER PIXEL PIXEL ARY PIXEL ---SL2 FUTURE DECKEDOL PIXEL PIXEL PIXEL SL1 <u>G</u>22 <u>G</u> 잂 SPS CKS DAT DIGDAT ьмс SHIFT Register CKS SPS TRF VB ска Sbe СD . G Jats CTRL ·ΒΛ

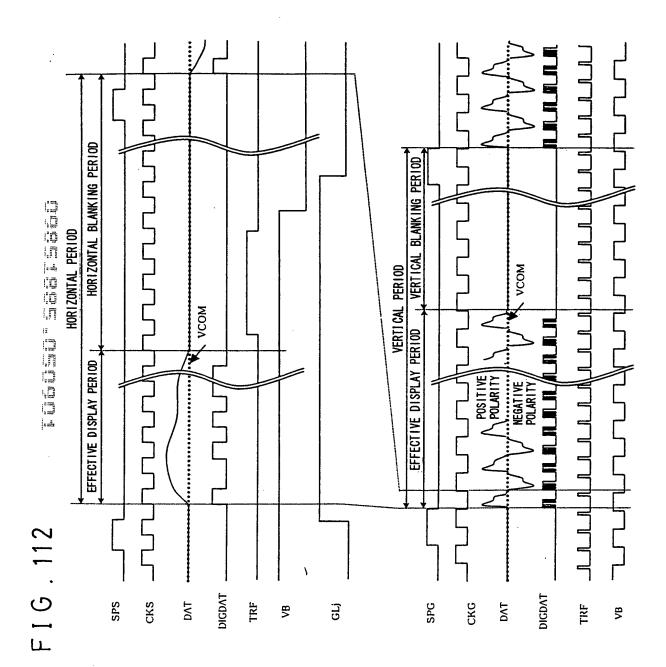


FIG. 113

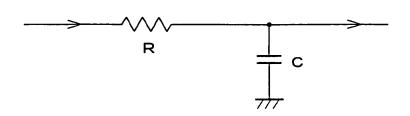


FIG. 114

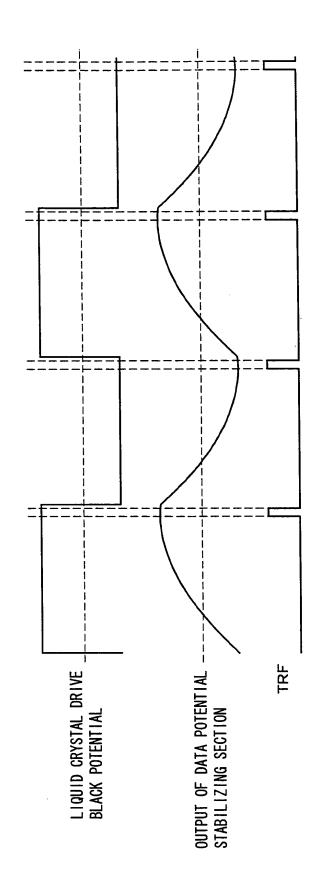
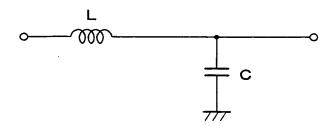


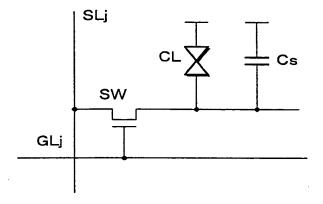
FIG. 115



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PIXE PIXEL PIXEL SLi SHIFT REGISTER, DATA HOLDING CIRCUIT, NAND DISPLAY SECTION SAMPLING SECTION SAMPLING SECTION SHIFT REGISTER SL2 ---PIXEL PIXEL PIXEL ANSD ARY - BINSD <u>nooglos nengi</u> PIXEL PIXE PIXE SL1 GL2 <u>G</u> <u>G</u>. SPS CKS DAT DIGDAT SHIFT REGISTER PWC CKS SPS TRF **/B** ска SPG . 5 1 1 ВА CTRL ΔV

FIG. 117



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FIG. 118

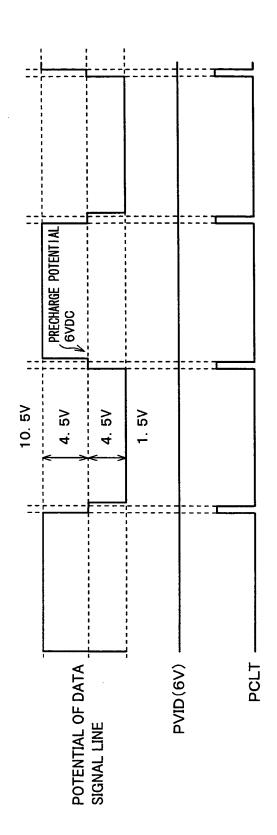
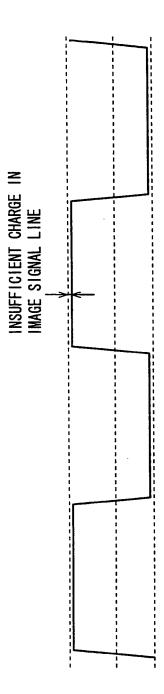


FIG. 119



DRSL DBSL Selector Selector Latch RSL320 BSL320 DGSL GSL320 DRSL DE SR & LV SR_D2 Latch SR_320 & LV 怒 RSL3 BSL3 GSL3 SIMP Selector Selector Selector Latch SR & LV SR₃ RSLZ BSLZ GSLZ rocmass person Latch SR & LV SR₂2 RSL1 BSL1 GSL1 Latch CRICGICBI SR & LV SR_1 PCTL TRF SR & LV 딍 SR_{D1} 0UT1 **0UT2** RESET 띯 7 ē SEL-LOG Level INB shifter E 9 IN1B IN2 Level shifter (s) Level shifter INZB ፷ . 5 1 (s) IBB 8 Prot LS_EN <-----for analog driver PCTLB SSPB PCTL-SSP_ LSENB-LSEN-SCKB-8 TRF_0RG-SS -충 9 SIMP_ORG-SIMP_ORGB-Ė TRF_ORGB-

FIG. 121

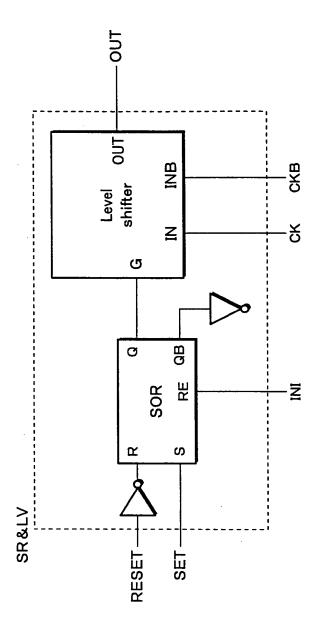


FIG. 122

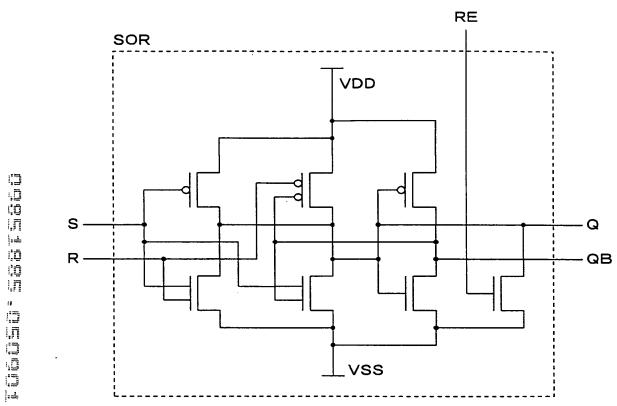


FIG. 123 FOCULT TOOK TOOK

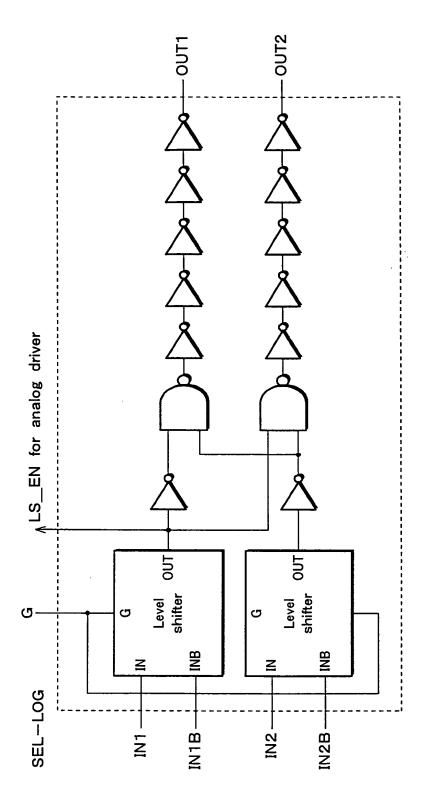


FIG. 124

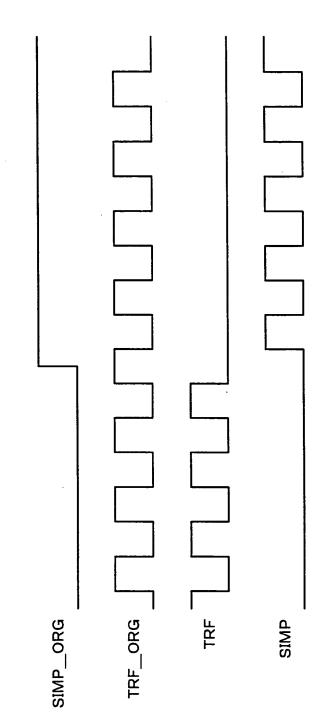
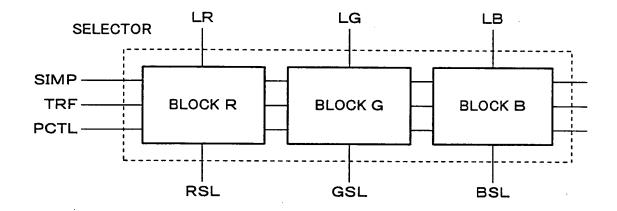


FIG. 125



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FIG. 126

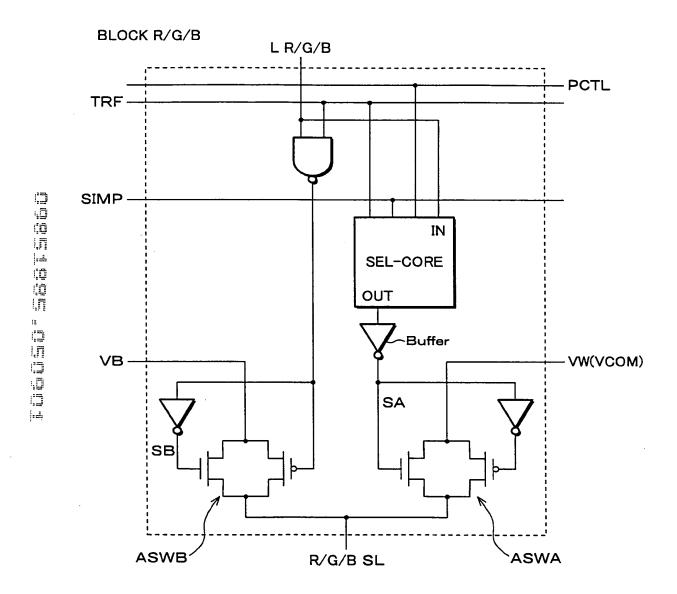


FIG. 127

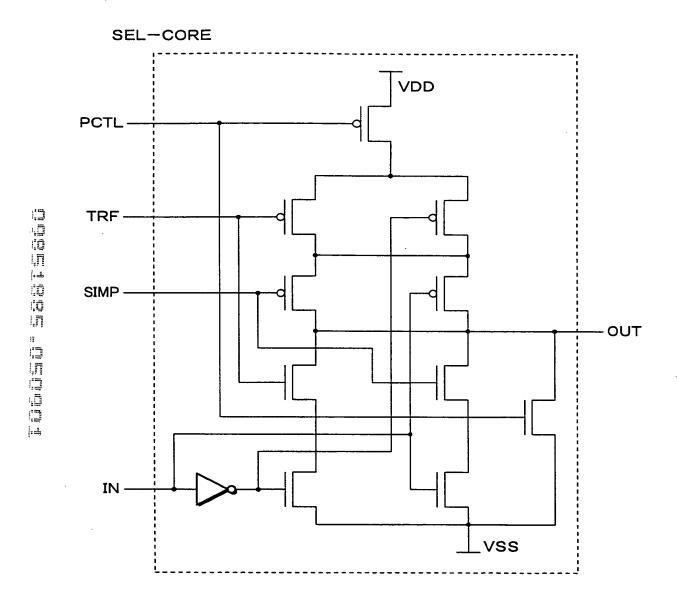
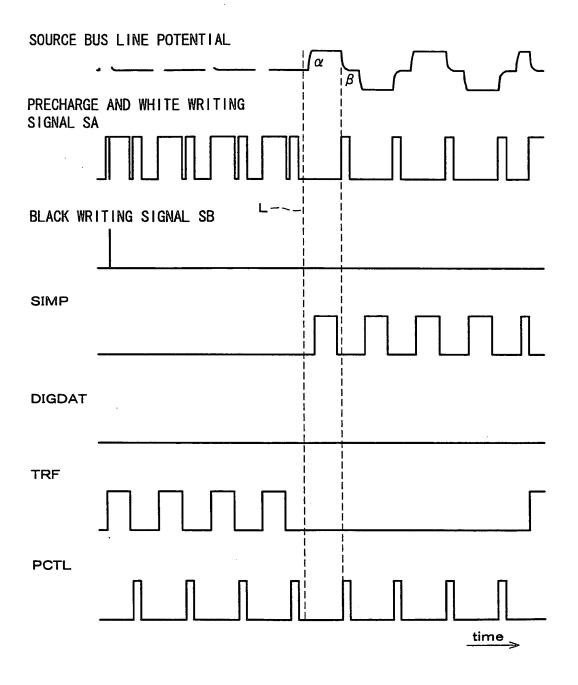


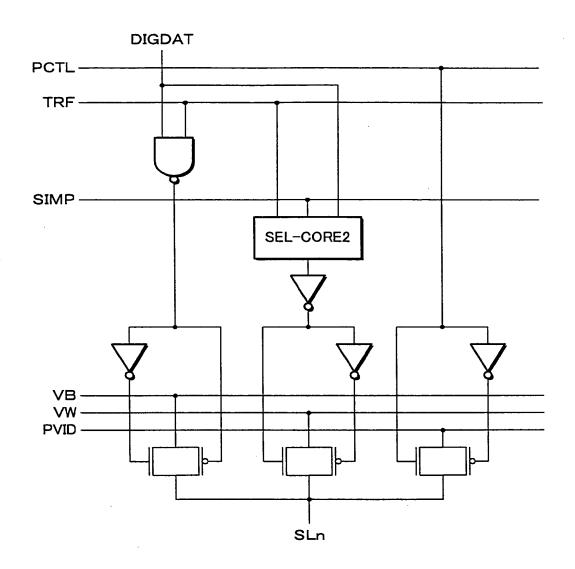
FIG. 128



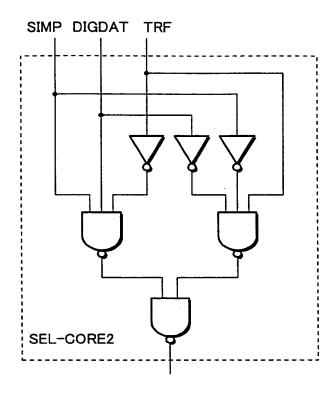
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FIG. 130



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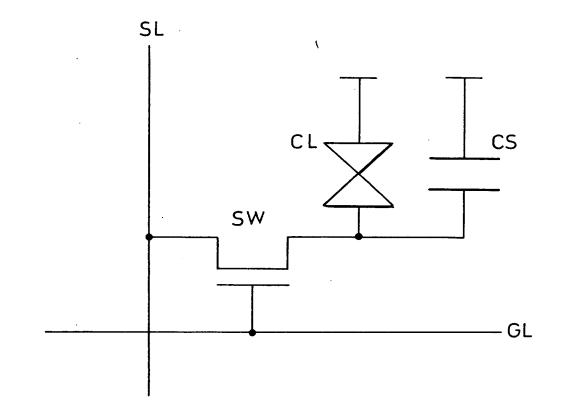


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ARYSL;+3 PIX PIX ΡX SL;+2 PIX PIX ۳X SD PX PIX P.X SL;+1 က PIX PIX PIX FIG. S GLj+1 $\operatorname{GL}_{\mathrm{j+2}}$ ָ ט g GCK GST GEN SST DAT CTL

!

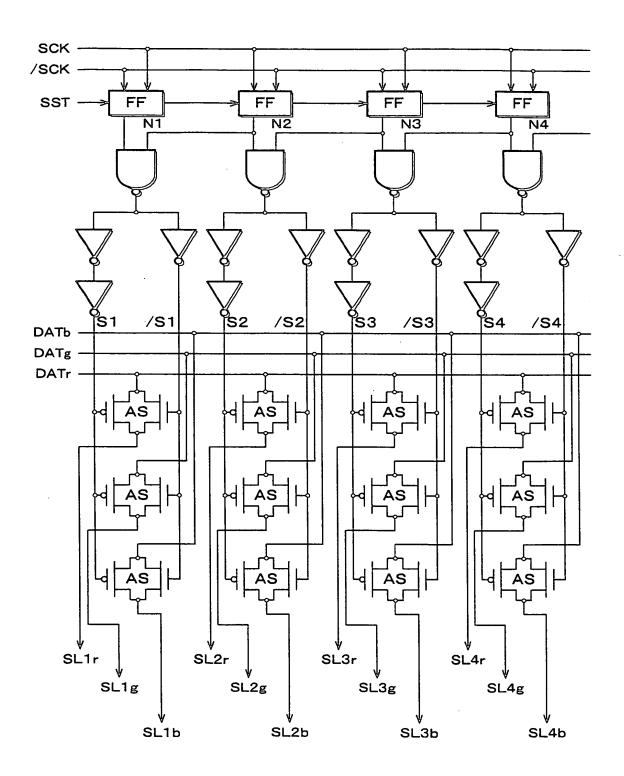
FIG.133

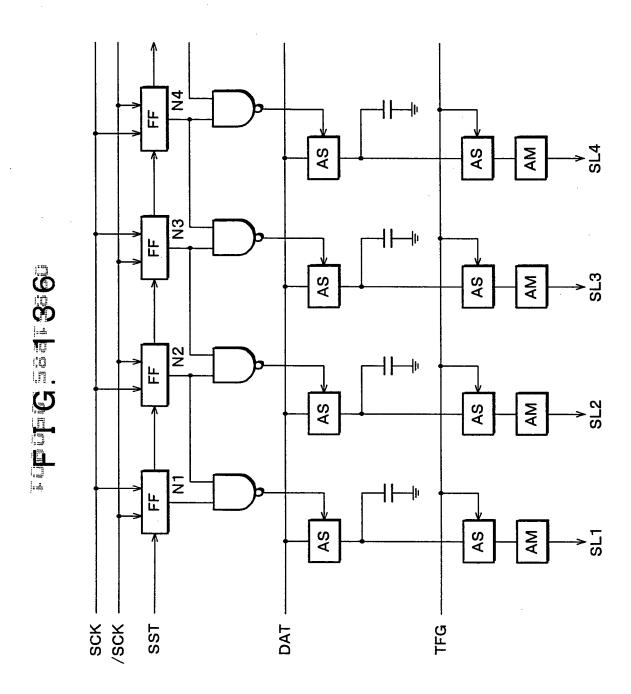


<u>noortook penont</u>

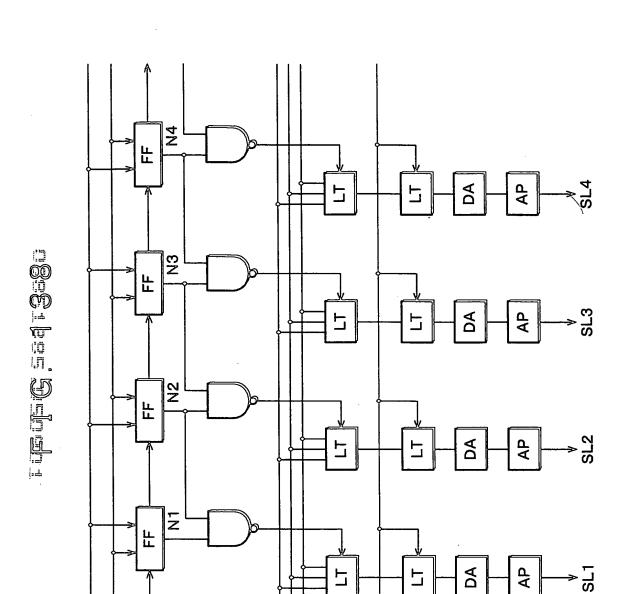
N4 브 Te les Signant N3 上 NZ ഥ N 片 DAT -SCK -SST

FIG. 135





N4 DA H H N2 H ᅼ DA Z Ħ ロ DΑ SCK SCK SST TFG



DIG

TFG

SCK SCK

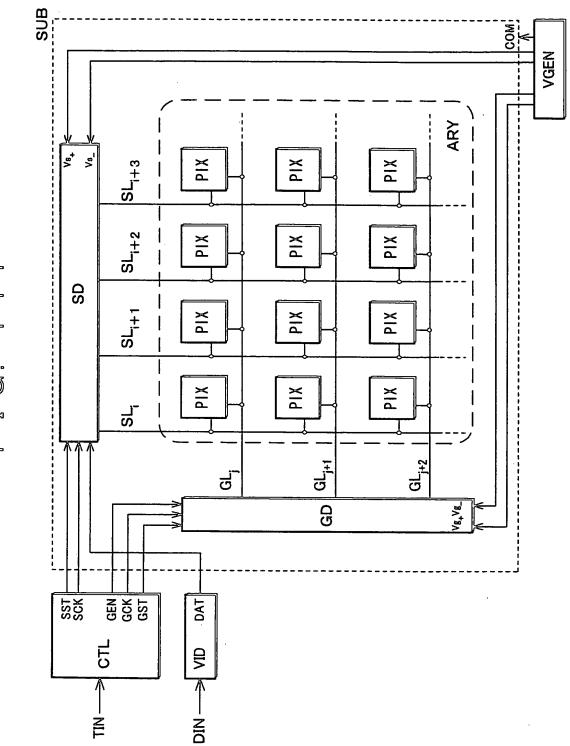
SST

Ħ L L 900 900 800 800 800 GST GEN

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ngostoos nengi FIG. 140 GCK GEN SCK GST SST DAT





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